

FIELD DATA SHEET 1

Occupant: (b) (6) Address		Interviev		
Address		1 mer viev	/ee: 	
1001001	# Greek	na	LA 700	53
Phone No.:				
Owner Name, Address, and Phone No. if Different	Than _a ((b) (6)			
) (6)				
ite Description:				
Description of property (circle): single home; vacant house; vacant lot; other		usiness; s	chool; days	care; church;
2) Problems accessing yards (circle): locked gate resolution:	e; gate; dog	s; other_		
3) Underground utilities installed by owner? (circle septic tank; other	e): no; wate		electric; ca	ible TV;
4) Is any underground ACM present? (circle): yearly yes, note on site sketch. How deep?	s; no; don't	know		
(b) (6) (b) (6)			-	T ON SACION
Estimated Volume of ACM:				
Comments: ACM in walkway & B	ackyara			
Date/Fime of Interview: 4/47/47 130	ø	Access G	ranted (circle): yes, no
Team Members: DA				



CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(6	b) (6)	
Property Owner's Name:		
Property Owner's Name: Property Address: (6) (6)	(1.) (0)	
State/Zip: Carefua	Phone Number(s)	
-		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

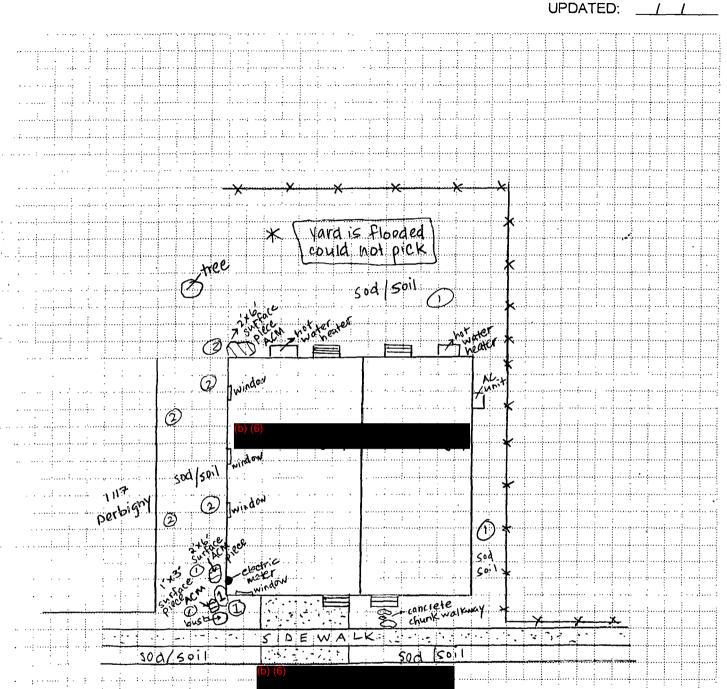
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-18-57 DATE







NOTES: large surfa	ace chunksfound	#	COVER	THICKNESS
N (NTS) Was not a	ble to check due to flooding.	O	Sod Soil	NO ACM
RESTORATION: A: 50	ad/sail			05-1700-530
c: <u>arrival:</u> 10:28 departure:10:45				03-1700-330
DEFARTORE.[U.45	RESTORATION APPROVED BY:	(b) (6)		VIA PHACDATE: 1 / 12 / 9/8

TEAM: DID CTS JW 1/9/98

(11896)

198 Q TO IT 1/12/98

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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05-1700-560

AUTHORIZED EPA/START REPRESENTATIVE

Grid

July 7. Sime. 1.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Jody Shires Ecology & Environment 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ashe</u> %	STOS TYPE	%	<u>NONASBE</u> FIBROUS	%	nonfibrous
WBS1551G03	(b) (6)	srown Ion-Fibrous Iomogenaous	Crushed	< 1% Chr < 1% Cro					Quartz Other
WBS1779G01		Brown Non-Fibrous -lomogeneous	Crushed	< 1% Ch	rysolilə	i			6 Other
WBS1779G02		Brown Non-Fibrous Homogeneous	Crushed	i < 1% Ch	rysotile ocidolite				6 Quartz 6 Other
		Brown Non-Fibrous Homogeneous	Crushed		hrysotile rocidolite				% Quartz % Other
WBS1735G02		Brown Non-Fibrous Homogeneous	i Cruahed		hrysotila rocidolite	- •			% Quartz % Other
WBS1700G01	1	Brown Non-Fibrous Homogeneous	Crushed		Chrysotlle Crocidolite				%,Quartz 1% [*] Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

ane Wasilewski Analyst

Approved Signatory

05-1700-570

Disclaimers: PLM has been known to miss asbeatos in a small percentage of samples which contain asbeatos. Thus negative guarantised. Floor ties and wipes should be tested with sither SEM or TEM. The above test report relates only to the flet may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produced in full with written approval by EMSL. The above test must not be used by the client to claim produced by NVLAP not any approx of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one a Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze taylered samples.

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Attn.: Jody Shires **Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBE</u> FIBROUS	% NONFIBROUS
WBS1700G02	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotlle < 1% Crocidollte	; 		40% Quartz 58% Other
WB\$1729G01		Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Crocidollte	:		40% Quartz 60% Other
:WBS1729G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			40% Quartz 80% Other
WBS1775G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected	:		40% Quartz 60% Other
WBS1774G01		Brown Non-Fibrous - Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	<u> </u>		70% Quartz 30% Other
WBS1774G02 		Brown Non-Fibrous Homoganaous	Crushed	< 1% Chrysotile < 1% Crocidolite			70% Quartz 30% Other

Comments: For all obviously heterogeneous samples easily separated into subsemples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski **Analyst**

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tasted with either 8EM or TEM. The above test report relates only to the ite may only be reproduced in full with written approval by EMSL. The above that must not be used by the client to claim produ NVLAP not any egency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one Laboratory is not responsible for the accuracy of results when requested to physically expansia and snatyze layered samples.

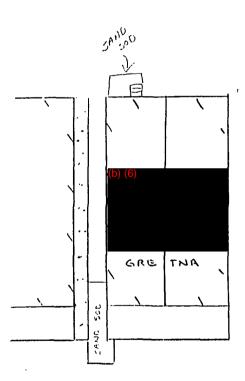
For the performancy of CMOL of Inflicency of (NAM AP Air And Bulk #700188.0)

05-1700-570



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Ву_ <i>РМ</i>	Date_ <i>2-19-98</i>	_Subject_	RESTORATION	sila #	1720	Sheet No	_of
Chkd. By	Date		_			Proi. No.	



05-1700-590

WESTBANK ASBESTOS ABATEMENT. NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE# _____1700

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
ţ					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					3. ⁵⁰		
6" Concrete Installation (sq. yds.)							-
4" Concrete Installation (sq. yds.)			- 12-7-2				
Sand Installation (sq.yds.)					8. ⁵⁰		
Lower Lift Sand					****		-
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)							-
Concrete (cu.yds.)					,		
Plastic Edging (ft.)					~~~		_
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA						<u> </u>	
	Site Ske	tch on B	lack of P	Page			
COMMENTS:							
			•				·
IT REPRESENTATIVE SIGNATU	RF				05-1700-	590	
SUB 1 SIGNATURE	· - -						

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:	8-6-98	ADDRESS:
SITE #:	1700	GRETNA
ACM LOCA	TED BENEATH:	HOUSE
APPR. CRA	WL SPACE HEIGHT:	<u> 24</u> *
DESCRIPTION	ON OF ACM:	CHUNKS X POWDER X SLAB
PERCENT O	OF AREA (ACM)	10% VIS
SKETCH OF	R COMMENTS:	
	(b) (6)	JISABLE ACM UNDER EDEDE OF HOUSE, SUSPECT ACM THROUGHOUT, BUT UNDER MINIMAL COVER.
[05-1700-540

011902

TEAM MEMBERS:

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address:
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
SAME.
Site Description:
Description of property (circle): Single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle) no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:
Estimated Volume of ACM:
Comments: Owner Insists it New, he put it New
Date/Time of Interview: 18 10 47 Access Granted (circle): (yes;) no
Team Members: 0M CJ5 07-1701-510

Tracking #: 1701

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)		
Property Address: <mark>O(6)</mark> State/Zip:M&rrero	Phone Number(s)	(b) (6)	,
1			

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12 10 07. DATE (b) (6)

SIGNATURÉ

07-17

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

TEAM MEMBERS:	KJ HS 07-1701-540
M KU.	
	Vacant lots
SKETCH OR COMMENTS:	
PERCENT OF AREA (ACM)	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
APPR. CRAWL SPACE HEIGHT:	
ACM LOCATED BENEATTI.	SHED
ACM LOCATED BENEATH:	HOUSE
DATE: (114 145) SITE #: 170	ADDRESS:
$\alpha \cup 1 \cap \alpha$	(b) (6)

MAIL IN ACCES FORM, SAID HOLSES Tracking Number 1702

HAB BEEN DENOLISHED & FIRST THEY

OUN 5 LOTS FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6)
Phone No.:
Owner Name. Address, and Phone No. if Different Than Occupant: (b) (6) (H)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:
(b) (6)
Estimated Volume of ACM:
Comments: Sacm in driveway to right of bldg Househas been demolished, site consists of 5 lots in a row, all have scattered ACM
Date/Time of Interview: 11/17/97 1104 Access Granted (circle): Tyes: no
Team Members: 4(/K) 07-1702-510

Tracking #: 1702.

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)		(b) (6)
Property Owner's Name		
Property Address:		
State/Zip: Marrero Phone Number(s) (b) (6)		_
r FAX#	Same-	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

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 - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

5,20.98 DATE

SIGNATURE

(b) (6)

(b) (6)

I recently obtained property across the street from the 5 lots I spoke to your about on 5.19.98. I have included another consent form for (10)(6)

and its adjacent lot (10)(6)

need any more information please do not heaitate to contact ne.

Thank you,

phone # (b) (6)

fax #

Pager #

Y-16-98

Proposing owner ((b) (6)

And - listed address (own title)

at (b) (6)

is for side by !

Latter + Une real-toss

340-7003

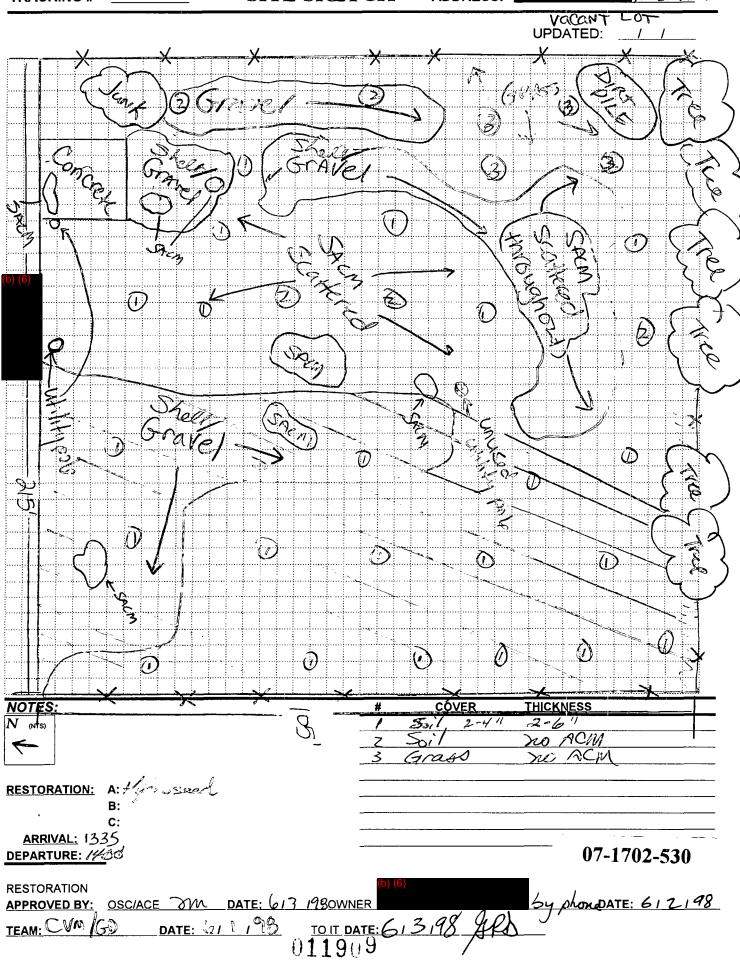


Check to see if we have access from another site Called, left message at work #

Also owner of sites 193/194

07-1702-600

(b) (6)



RESTORATION

APPROVED BY: OSC/ACE TVM DATE: 613 1980WNER

TEAM: CVM /GD DATE: 41 1 195

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 1702

ADDRESS:

(b) (6)

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON μ_0 analytical as of 6.24.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRUD #:

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A. PROCEED WITH RESTORATION:

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15/10

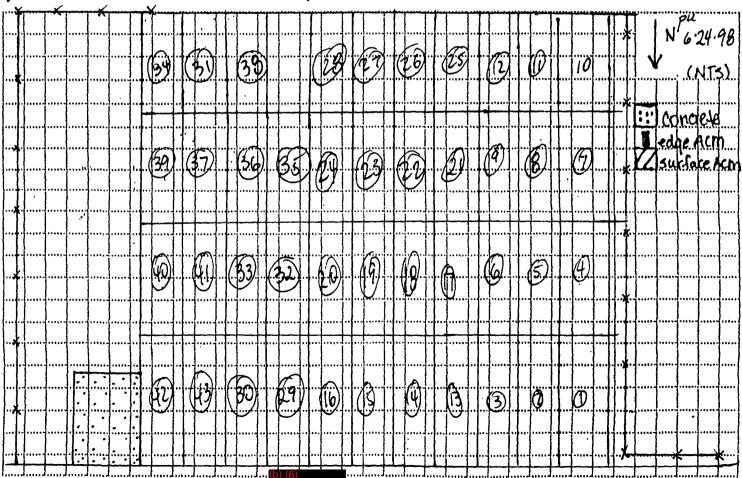
B. FURTHER ACTION NECESSARY:

geolined 6.22,23,24

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AUTHORIZED EPA/START REPRESENTATIVE

ATIVE Jank Juganer

6.24.98

07-1702-560

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07-1702-560

6330 E. 75th St., Suite 132 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

Wednesday, June 24, 1998

Ref Number: IN982059

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u> % TYPE	%	NONASRE FIBROUS		NONFIBROUS
SAMPLE	LOCATION (b) (6)	APPEARANCE	TREATMENT	None Detected				Quartz
WBS1807G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Other
WBS1807G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Quartz Other
WBS1807G03		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Quartz · Other
WBS1807G04		Brown Non-Fibrous Homogeneous	Crushed	None Detected				Quartz Other
WB\$1702G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			80%	Quartz Other
WBS1702G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle				Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips Analyst

07-1702-570

Approved

Signatory

Discialmers; PLM has been known to miss asbestos in a amali percentage of samples which contain asbestos. Thus negative be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report is tested. This report nay only be reproduced in part with written approval by EMSL. The above test must not be used by the cities endorsement by NYLAP nor any agency of the United Stetes Government. All "NYLAP" reports with NYLAP logo must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200198-0,)





6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment**

11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

Wednesday, June 24, 1998

Ref Number: IN982059

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	NONASBESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS1702G03	(b) (6)	Brown	Crushed .	< 1% Chi	ysotile				Quartz	
		Non-Fibrous Homogeneous		< 1% Cro	icidolite ·			20%	Other	
WBS1702G04		Brown	Crushed	< 1% Ch	ysotile				Quartz	
		Non-Fibrous Homogeneous		< 1% Cro	ocidalite			20%	Other	
WBS1702G05		Brown	Crushed	2% Ch	rysotile		• ;	77%	Quartz	
-		Non-Fibrous Homogeneous		1% Cro	ocidalite			20 %	Other	
WBS1702G08		Brown Non-Fibrous Homogeneous	Crushed	2% Ch	rysotile		,		Quartz Other	
WBS1702G0 7		Brown Non-Fibrous Hamageneous	Crushed	< 1% Cro	poidolite				Quartz Other	
WBS1702G08		Brown	Crushed	< 1% Ch	rysotlie				Quartz	
		Non-Fibrous Homogeneous						20%	Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips Analyst

Approved Signatory

07-1702-570

Disolatmers; PLM has been known to mise asbestos in a small percentage of samplés which contain asbestos. Thus negative guaranteed. Samples reported as <1% or none distorted should be tested with either SEM or TEM. The above test report exited. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the cliendorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contate be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layer.

Analysis performed by EMSL indianapolis (NVLAP Air and Bulk #200188-0,)



6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892 Fax: (3)

Fax: (317) 570-5894 EMSL

Attn.: Chris Sansome **Ecology & Environment**11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816 Wednesday, June 24, 1998

Ref Number: IN982059

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	8AMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	NONASB % FIBROUS	ESTOS % NONFIBROUS
WBS1702G09	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	8% Chrysotile		72% Quartz 20% Other
WBS1702G010		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		80% Quartz 20% Other
(WB\$1702G11		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
WBS1702G12		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
WBS1702G13		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile		77% Other 20% Other
WBS1702G14		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separatile subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Hargret & Ality

Margaret Phillips Analyst Approved Signatory

Disclatmers: PLM has been known to miss aspector in a small percentage of samples which contain appealors. Thus negative be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the citier endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and shallyze layers.

Analysis performed by EMSL Indianapolls (NVLAP Air and Bulk #200188-0,)

07-1702-570



6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-589 EMS

Wednesday, June 24, 1998

Ref Number: IN982059

Attn.: Chris Sansome

Ecology & Environment

11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

				\$AMPLE	ASBESTOS	NONASI	· · · · · · · · · · · · · · · · · · ·
	SAMPLE	LOCATION	APPEARANCE	TREATMENT	% <i>TYPE</i>	% FIBROUS	% NONFIBROUS
(WB91702G15	(b) (6)	Brown	Crushed	3% Chrysotile		77% Other
			Non-Fibrous Homogeneous				· 20% Other
(WB\$1702G16		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlle < 1% Crocidolite		80% Quartz 20% Other
(WB\$1702G177		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
C	WBS1702G18		Brown Non-Fibraus Homogensous	Crushed	2% Chrysotlie		78% Quartz 20% Other
	WB91702G19)		Brown Non-Fibrous Homogensous	Crushed	<1% Chrysotile		80% Quartz 20% Other
(WB\$1702G20		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separatele subsamples.

Margaret Phillips

rgaret Phillips Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Samples reported as <1% or none distocted should be tested with either SEM or TEM. The above test report as tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the cile andersament by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layers.

07-1702-570

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0,)

erformed by EMSL Indianapolis (i

11915

^{*} NY samples also analyzed by ELAP 198-1 Method

6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

Wednesday, June 24, 1998

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue

Ref Number: IN982059

Suite 250 Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u> </u>	STOS TYPE	%	<u>NONASBE</u> FIBROUS	 NONFIBROUS
WBS1702G21	6) (6)	Brown Non-Fibrous Hornogeneous	Crushed	Nor	ne Detected			Quartz Other
WBS1702G22)		Brown Non-Fibrous Hamogeneous	Crushed	< 1% Chr < 1% Cro				Quartz Other
WBS1702G23		Brown Non-Fibrous Homogeneous	Crushed	Nor	ne Detected			Quartz Other
WBS1702G24		Brown Non-Fibrous Homogeneous	Crushed	Nor	ne Detected			Quartz Other
WBS1702G25		Brown Non-Fibrous Homogensous	Crushed	< 1% Chr < 1% Cro	=			Quartz Other
WBS1702G26		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	-			Quertz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved[®] Signatory

07-1702-570

be guaranteed. Samples reported as <1% or name detected should be tested with either SEM or TEM. The above test reported as <1% or name detected should be tested with either SEM or TEM. The above test report tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the andorsement by NVLAP nor any agency of the United States Government. All "NYLAP" reports with NVLAP logo must cold to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze is.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #20018



6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMS

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, June 25, 1998

Ref Number: IN982071

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS % TYPE	NONAS % FIBROUS	BESTOS % NONFIBROUS
SAMPLE WBS1702G27	LOCATION (b) (6)	APPEARANCE Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle		100% Other
WBS1702G28		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WBS1760G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WBS1760G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WBS1760G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile		98% Other
WBS1829G03		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other

Comments: For all abviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestes in a small percentage of samples which contain asbestos. Thus negative be gueranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report re tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the clie endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze isystem.

07-1702-570

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0,

6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMSI

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, June 25, 1998

Ref Number: IN982071

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBESTOS	NONASE	ESTOS .
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% <i>TYPE</i>	% FIBROUS	% NONFIBROUS
WB\$1702G29	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		100% Other
WBS1702G30		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockdolite		98% Other
WB\$1702G32		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile		98% Other
WBS1702G33		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WB51702G35		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile		97% Other
WBS1702G36		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotlie		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

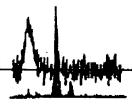
Analyst

Approved Signatory

Discisimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative F be guerenteed. Samples reported as <1% or none datected should be tested with either SEM or TEM. The above test report relatested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain a to be welld. Laboratory is not reaponable for the accuracy of results when requested to physically separate and analyze layered a

07-1702-570

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200188-0,)



6330 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Ref Number: IN982071

Fax: (317) 570-5894

Thursday, June 25, 1998

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	A	SBESTOS		NONAS	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	9 6	TYPE	%	FIBROUS	% NONFIBROL
WBS1702G38	(b) (6)	Brown	Crushed .		None Detected			100% Other
İ		Non-Fibrous			•			
	'	Homogeneous						
		<u> </u>	<u> </u>	<u> </u>				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Approved Signatory

07-1702-570

Disclaimers: PLM has been known to miss selectus in a small percentage of samples which contain selector. Thus negative Pl Cascingres: PLM has been known to miss aspector in a small percentage of sumples which contain aspector. Thus negative PI be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relativested. This report may only be reported on a set with written approved by EMSL. The above test must not be used by the client't endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at to be velid. Lebonstory is not reaponable for the ecouracy of results when requested to physically experete and enalyze layered as

Analysis performed by EMSL Indianepolis (NVLAP Air and Bulk #200188-0,)



0550 L. 75th St., 5the 152

Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMS Saturday, June 27, 1998

Ref Number: IN982083

Attn.: Chrls Sansome **Scology & Environment** 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	<u>3708</u>		NONASA	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1702G31	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	Non	ne Detected			100%	Other
WBS1702G34		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotlie			100%	Other
WBS1702G37		Brown Non-Fibrous Homogeneous	Crushed	Non	e Detected			100%	Other
WBS1702G39		Brown Non-Fibrous Hamogeneous	Crushed	Non	e Detected			100%	Other
WBS1702G40		Brown Non-Fibrous Homogeneous	Crushed	1% Chr				99%	Other
WB\$1702G41		Brown Non-Fibrous Hamaganacus	Cruehed	Non	e Detected			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of esperable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Richard K. Harding Analyst

07-1702-570

Approved

Signatory

Disolatimers: Pi.M has been known to miss ashestos in a small percentage of samplex which contain asbestos. Thus negati be guaranteed, \$amples reported as <1% or none detected should be tested with either SEM or TEM. The above test report tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the clendorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contrib to be valid: Laboratory is not reappressible for the accuracy of results when requested to physically separate and analyze layou-



0550 E. 75th St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

EMSL

Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250

Eaton Rouge, LA 70816

Saturday, June 27, 1998

Ref Number: IN982083

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASRESTOS</u> FIBROUS % NONFIBROUS
WBS1702G42	(6) (6)	Brown Nan-Fibraus Hamogeneous	Crushed	None Detected		100% Other
WBS1702G43	-	Brown Non-Fibrous Homogeneous	Crushind	None Detected	·	100% Other
WBS2004G01		Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile < 1% Crocidalite		99% Other

Comments: For all abviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Richard K. Harding

Analyst

Approved Signatory

07-1702-570

Disolatmers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negetive be guarantaect. Samples reported as <1% or none detected whould be tested with either SEM or TEM. The above test report rested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the disendorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain, to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layared.

Analysis performed by EMSL Indianapolia (NVLAP Air and Bulk #200188-0,)

911921

Resident Contact Log Owner

Residence Number:	1702			
Property Address:	(b) (6)			
Owner Name:	(b) (6)	-sold	10 7	
Current Location/Pho	one/Fax: (b) (6)			

M/P/W	Date	Time	Init	R/I	Comments Status
			:		property owner lives or owns (b) (6) this are perty
			:		is apparantly for sale by latter t Blum Realators 340-7003
			4		property - he sold to (b) (6)
			1		who is Now Selling it w/ Latter + Blum.
P	5/4	0720	CVM	I	called Latter & Blum realter-left msg; tracking # b clease call re: curerchip /Access > 340-700 (b) (6) called - left msg
P	5/6	NB 1500	cvm.	R	·
P	5/7	~083ø	CVM	I	year preperty sold
ρ	5/7	1045	CVM	工	called (b) (6) 4 or property use sold > Aug. 18, 1997 to b) (6) to get to
				-	(b) (6) uto lives & , Gratha, 70056
P	5/7	1100	CVM.	工	Collia to 10 (6) No into,
W	5/7	<u> </u>	CVM	I	maled access to (6) (6)
Ρ	5/19		94.	'R	THE PROPERTY WILL AALL IN AREST FORM. SAID TO
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		-	î.		
···					
			<u> </u>		
			<u> </u>		

M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

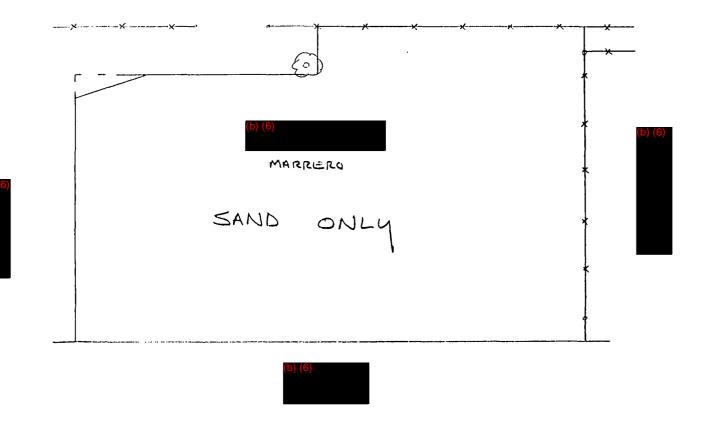
07-1702-600



ノ

Ву_ <i>РМ</i>	Date <u>6-24-98</u>	_Subject_ <i>REStoRA FroN</i>	SITE #	1702	Sheet No	_of
Chkd. By	Date				Proi. No.	

STH AUE



07-1702-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTOR	RATIO	N FOR.	Μ
--------	-------	--------	---

SITE # 1702

	DATE	DATE	DATE	DATE			
<i>:</i>					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					'2920.°°.	· · · · · · · · · · · · · · · · · · ·	
Lower Lift Sand						· · · · · · · · · · · · · · · · · · ·	
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)			-	·		····	
Sand (cu.yds.)					1150.00	·	
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							<u> </u>
EXTRA							
	Site Ske	tch on B	ack of P	age		,	
COM!/IENTS:			····				
							
IT DEDDECENTATIVE CLONATU	nc				07-	1702-590	
IT REPRESENTATIVE SIGNATURE	KE .	, <u>, , , , , , , , , , , , , , , , , , </u>	1001				
SUB 1 SIGNATURE		$\underline{}$	1924				

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-25-98 SITE #: 17\$2		AC	DDRESS: 	(b) (6)	, , ,		
ACM LOCATED BENEATH:	H-	OUSE HED					
APPR. CRAWL SPACE HEIGHT:							
DESCRIPTION OF ACM:	P	HUNKS OWDER LAB					
PERCENT OF AREA (ACM)	***************************************	***					
SKETCH OR COMMENTS:				_			
Mary Barage 8. 25. 25		Vaca	wt lot				
TEAM ME	MBERS:				07-170)2-54	0

	•	7.7
		1 40)
Tracking Number		170
Tracking Transcor		<u> </u>

FIELD DATA SHEET 1

Site Information:	
Occupant: Willy Harris Interviewee: Willy happis	
Address: 6215 Westlank Expury, Marriag (DAR)	
Phone No.: 347-7975 (DEETER)	
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) A	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): (no) water, gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): (yes;) no; don't know 3-4" duy in delicing to near edge of but	illing
Site Sketch: Constant Consta	bwlk
Date/Time of Interview: 12/8/97 0915 Access Granted (circle): (yes;) no	
Team Members: 0 1 25 07-1703-510	

Tracking #: 1703

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's N	Vame:\	NILLY	HARRI	s	
Property Address:		WEST	DANK	Exemy	MARRERO
State/Zip:		Phone Nu	ımber(s)_	347.79	175

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE

07-1703-520

UPDATED: / / (3) (3) (3) (3) 6219/6217. WEST BANK 6215 WEST BANK EXPRESSWAY EXPIRESSWAY w MARKERO 2 ∢ MARRERO PORCH WESTBANK EXPRESSIVAY THICKNESS NOTES: COVER 42 SO FT SACM 1-2" GRAVEL 0 2"-3" ZX15 CONC. WALKWAY @ I" GRASS 2"-3" is IN POUR condition GRASS NO ACM RESTORATION: A: LIMESTONE 07-1703-530 C:

MD, pm JM 12/15/97 DATE: 12/11928

RESTORATION APPROVED BY:

ARRIVAL: DEPARTURE:

TEAM;

DATE 21/197

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE#	17 03	ADDRESS:	6215	WESTBANK EX	ργ
			Marr	ero, La.	

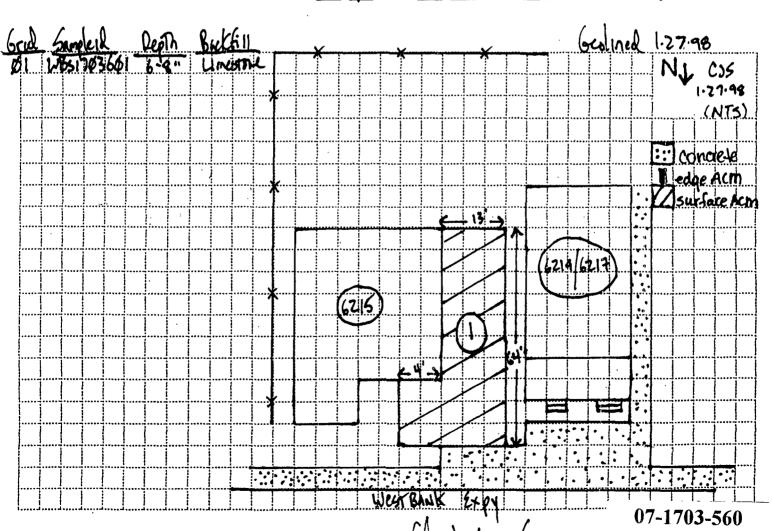
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFEPENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 1.27.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 1929 MAINING DOMINI

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, January 29, 1998

PAGE 02

Ref Number: IN98255

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>Asbest</u> %	<u>OS</u> TYPE %	<u>Nonasbestos</u> Fibrous %	NONFIBROUS
WBS1703-G01	6215 Westbank Expy, MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysc < 1% Crocide	tile	80%	6 Quartz 6 Other
WBS1543-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chryso	tile		6 Quartz 6 Other
WB\$1543-G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chryso	tile !		6 Quartz 6 Other
WBS1543-G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso	tile		6 Quartz 6 Other
WBS1649-G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso	tile		6 Quartz 6 Other
WBS1649-G02		Brown Non-Fibrous Homogeneous	Crushed	. < 1% Chrysc	otile		% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

" NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

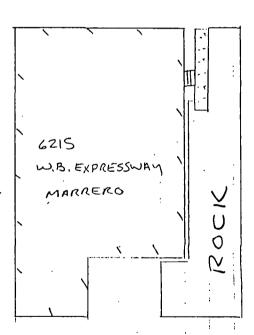
Disclaimers: PLM has been known to miss expected in a small percentage of samples which contain expected. Thus negative be guaranteed. Floor tiles and wipps should be texted with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product in NVLAP nor any agency or the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1703-570





Ву РМ	_Date	_Subject_	RESTORATION	SIFE #	1703	Sheet No	_of	
Chlid Di	Data					Proi No	•	



07-1703-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE# ____1703___

IT REPRESENTATIVE SIGNATUI SUB 1 SIGNATURF	RE .						· · · · · · · · · · · · · · · · · · ·
				···	07-1	703-590	
							
COMMENTS:		-					
	Site Ske	tch on B	ack of P	age			
EXTRA							
Topsoil (cu.yds.)							
Walkway Rock Inst. (sq.yds.)							
Plastic Edging (ft.)							
Concrete (cu.yds.)					·		
Sand (cu.yds.)						·	
Rock, Gray (cu.yds.)					16.00	•	
Rock, Brown (cu.yds.)					:		<u> </u>
Lower Lift Sand							
Sand Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)			···				,
6" Concrete Installation (sq. yds.)							
Sod Installation (sq.yds.)							
Rock Installation (sq.yds.)					80 . ⁵⁰		
					EST. QTY.	ACTUAL QTY.	ACT.
	DATE	DATE	DATE	DATE	·		

011932

SUB 2 SIGNATURE

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-24-98 SITE#: 1703		ADDRESS:	G215 Westbank Expy. Macrero
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT: DESCRIPTION OF ACM:	HOUSE SHED	_	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:	SLAB O %		
A Cal		RROOM	1 0N SIAP
20/20			
			05 1502 540

TEAM MEMBERS: 34.49.T.

07-1703-540

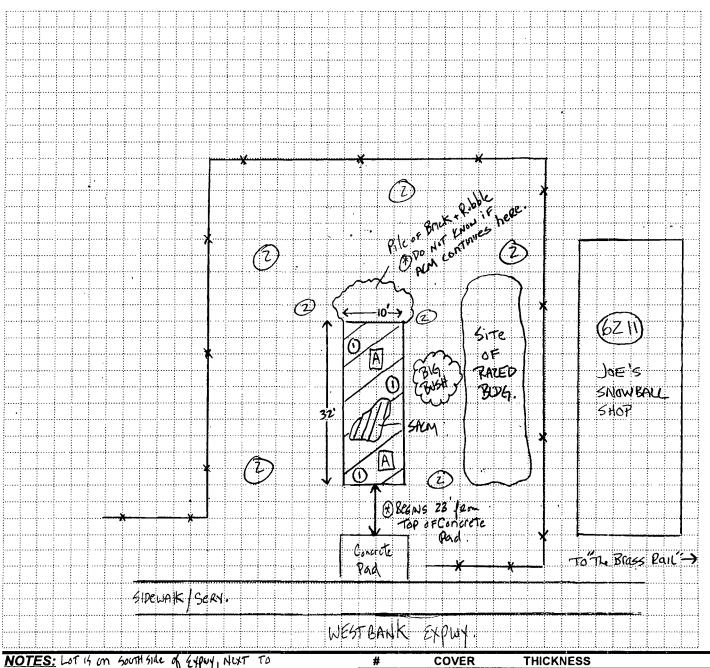
Tracking Number 1704

FIELD DATA SHEET 1

Site Information:
Occupant: VACANT LOT. Interviewee:
Address: Westlank Expmy. (Next to 6211), MA
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Span Razed BLOG Control LXSTBANK EXPY.
Estimated Volume of ACM:
Comments: SACUT to left of razed bldg, ~ 10 years from converte slab by sidewalk.
Date/Time of Interview: 12/11/97 Access Granted (circle): yes; no
Team Members: C5 07-1704-510

SITE SKETCH ADDRESS: 6209 WESTBANK EXPLY, MA.

UPDATED: 5/19/98



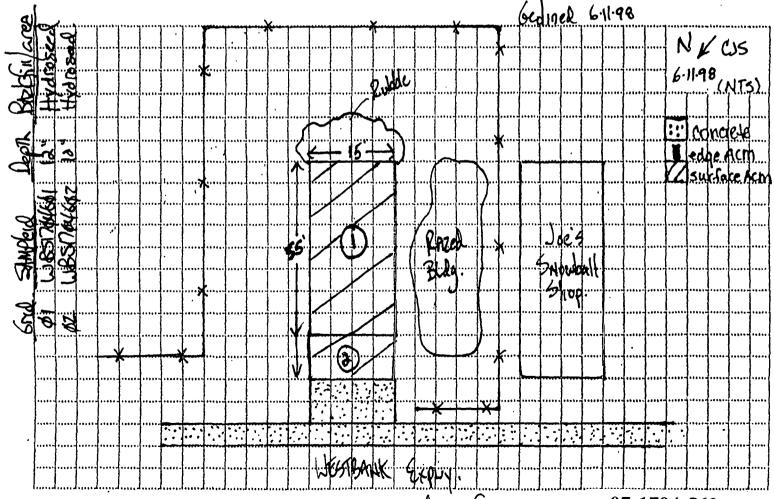
NOTES: Lot is on south side of Expuy, Next To	#	COVER	THICKNESS	
N (MTS) " loc's SNOW ball Shop" + Brass Rail BAR	1	2-3" Sod Soil	2-3" ALM	•
	(2)	6" Sod Soil		,,
DESTORATION AND DESTRUCTION OF THE PROPERTY OF				
RESTORATION: A: Sod Soil Hypadste)				
J.				
C:				
ARRIVAL: 0930 DEPARTURE: 1015	** *** ****			
DEPARTURE: (VI)				

RESTORATION

APPROVED BY: OSCIACE 1720 DATE: 5 120 198 OWNER UNKNOWN CHAR

DATE: 5 , 19 , 98 TO IT DATE: 5 1201 78 @ DATE: 5120198

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AUTHORIZED EPA/START REPRESENTATIVE

07-1704-560

.011936

EMSL Analytical, Inc.

0330 E. 7348 St., SEES 132 Indianapolis, IN 46250 Phone: (317) 578-5892

Fox: (317) 570-5894 EMSI

Attn.: Chris Samome Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Monday, June 15, 1998

Ref Number: IN981932

POLARIZED LIGHT MICROSCOPY (PL Performed by EPA 600/R-93/116 Method®

Project: 020401 WESTBANK ASBESTOS

BAMPLE	LOCATION	APPBARANCE	SAMPLE TREATMENT	ARRESTON M Type	MONAPHEE M PARQUE	T <u>OS</u> % NONFIBROUS
WB81829G01	(b) (6)	Brown Non-Fibrous Homogeneous	Cruehed	None Detected		80% Quertz 20% Other
WBB1829Q02		Brown Non-Fibroue Homogeneous	Crushed	None Detected	<u> </u>	80% Quartz 20% Other
WB81843G02		Brown Non-Fibrous Homogeneous	Crushed	None Districted		80% Quertz 20% Other
WBS1843G03		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other
WB81704G01	6209 WB Expressively, MA	Brown Non-Pibrous Homogeneous	Crushed	⊲ 1% Chrysotlle		80% Quertz 20% Other
WBS1704G02	6209 WB Expression, MA	Brown Nan-Pibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily expented into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layere" refers to number of separatels subsamples.

" NY samples also snelyzed by ELAP 195-1 Method

Approved Signatory

Discinitryon: PLM has been known to miss asbeston in a erroll percentage of samples which contain estrettes. This hegist be guaranteed. Samples reported as <1% or none detected should be tested with either SSM or TEM. The above test report tested. This report may only be reproduced in part with written approval by EMSE. The above test must not be used by the di andorsement by NVLAP nor any apening of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be veild. Laboratory is not responsible for the accuracy of results when requested to physically esparate and enalyze rays.

Analysis performed by ENASL Indianapolis (NVLAP Air and Bulk #200188-0,)

07-1704-570



一批"原理是四日本"。1986年

By <i>PM</i>)	_Date_ <i>G-11-98</i>	_Subject_	RESTORATION	51t=#	1704	Sheet No	of
Chkd By	Data					Proj No	

6209 WESTRANK EXPRESSWAY MARRERO (VACANT Lot) SAND

EAST WESTBANK EXPRESSMAY BOUND

011938

07-1704-590

AMES BIVD

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURF

RESTOR	RATION FORM
SITE#	1704

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
				1	QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					····		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					84.≅		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					36.00		
Concrete (cu.yds.)					• • • • • • • • • • • • • • • • • • • •		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
		·			Λ7	1704-590	
IT REPRESENTATIVE SIGNATUR	RE				U / -	1/4-370	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-24-98 SITE#: 1704		ADDRESS:_ 	LOT WESTBANK EXPY MERNERO
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	0%	=	
SKETCH OR COMMENTS:	-		
None			PCANT 20T
TEAM ME	:MBERS:	+ A.T.	07-1704-540

Jefferson Parish

Planning veryful

736-6320k nelpful

In order to get legal

description:

) Cross streets an all 4 sides

3)# of lots to Lik R of

property.

•	, 700
Tracking Number	1705

FIELD DATA SHEET 1

Site Information:
Occupant: Upstro vons best Stop Super Market, Interviewee: Henry Washington.
Address: 1/2/2 Annes, MA
Phone No.: 341 - 2877
Owner Name, Address, and Phone No. if Different Than Occupant: Henry Washington 34(-2877
Site Description:
Description of property (circle): single home; duplex; business: school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other there from 15 located There are always care for filed for age to react.
4) Is any underground ACM present? (circle): ves: no; don't know If yes, note on site sketch. How deep?
Site Sketch: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A convole Suprimerket 4 th Ave Suprimerket Auto repair 6 or est to the suprimerket 6 or est to the
Estimated Volume of ACM:
comments: on you Are. side of blog pieces of Acron in securifyle, in front of hair salon.
Date/Time of Interview: 17 9 97 Access Granted (circle): yes; no
Team Members: 07-1705-510

Tracking #: 17\$5

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Address: 1121 12 Ams Blok.	Property Owner's Name:	Freddie Washington	
	Property Address: 1121	2 Ames Block.	
	State/Zip: Marrero	Phone Number(s)	341-2877

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

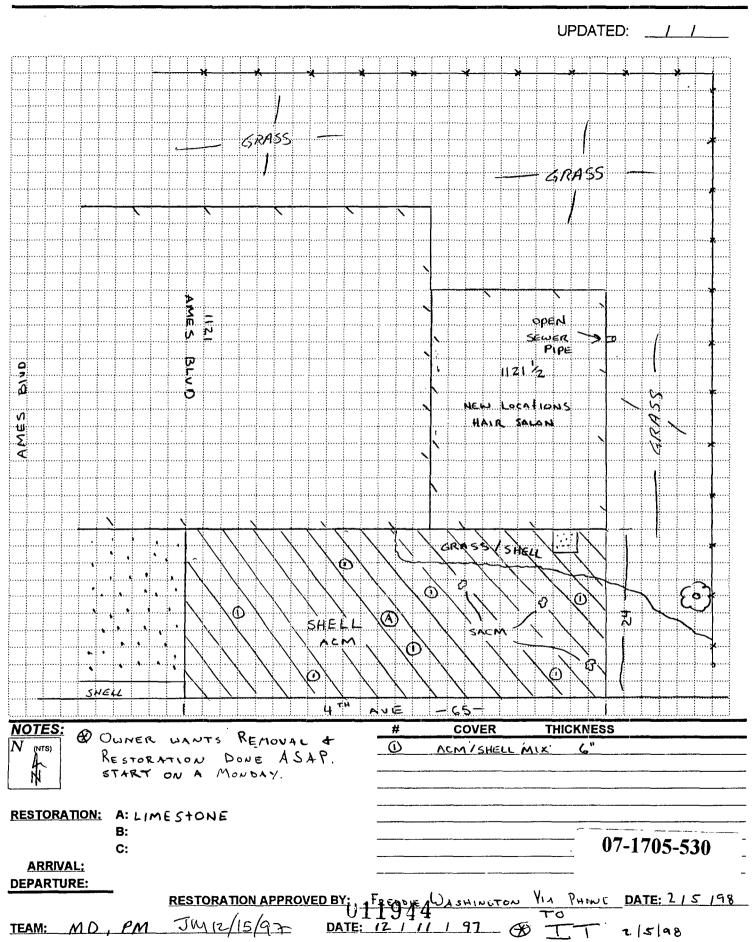
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE

07-1705-520

TEAM: MD, PM JM12/15/97



SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

SITE#	745		• • •	ADDRESS:	1121/2 Ames	RI.A	
·. —	1142	<u> </u>	:		Marres L		

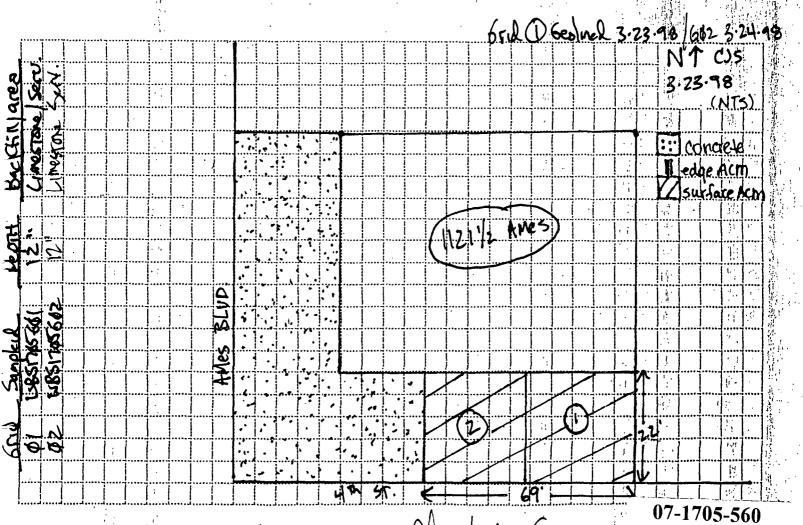
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO NO WAY NO SELECTION OF SELE

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE) 119 WOTON SONOM

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Ref Number: IN98822

Thursday, March 26, 1998

Attn.: Deena Depalma Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

EMSL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASB	ESTOS		NONASE	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1786G09	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	No	one Detected	< 1%	Cellulose		Quartz Other
WBS1786G10		Brown Non-Fibrous Homogeneous	Crushed	< 1% C	nrysotile	:			Quartz Other
WBS1705G02	1121 1/2 Ames Blvd, Marrero	Brown Non-Fibrous Homogeneous	Crushed		nrysotile rocidolite			20%	Quartz Other
WB\$1617G08-II	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% CF	nrysotile				Quartz Other
WBS1503G01		Brown Non-Fibrous Homogeneous	Crushed	3% Cl	nrysotile				Quartz Other
WBS1503G02		Brown Non-Fibrous Homogeneous	Crushed	10% CF	nrysotile	:			Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain 66bestos. Thus negative be guarenteed. Floor tiles and wices should be tested with either SEM or TEM. The above test report relates only to the Item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sig Laboratory is not responsible for the accuracy of results when requested to physically expande and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0). 07-1705-570



^{*} NY samples also analyzed by ELAP 198-1 Method

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Pat Mollere

Ecology & Environment

11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Friday, March 27, 1998

Ref Number: IN98805

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: F68209 W.A.R.P.

SAMPLE	VOLUME (liters)	ASBESTOS TYPE(S)	# <i>\$TR\</i> < 5µ ≥ 5µ	UCTURES NONASE	AREA ANALYZED . (mm²)	• • • • • • • • • • • • • • • • • • • •	RATION OF TRUCTURES AS/ec	ANALYTICAL SENSITIVITY (AS/cc)
1708 P605	780.00	None Detected	*** * * * * * * * * * * * * * * * * * *	0	0.1089	 <9.1827	<0.0045	0.0048
;			İ	:				1
: 		:						:

Comments: For None Detected" samples, the number under AS/co is equal to the analytical sensitivity.

Not PLINATEM NIVLAP #200188-0

Richard K. Hardina Analyst

stu

Approved Signatory

idalmans. The leboratory is only responsible for fibers counted in fibers/nm² and not in fibers/co, which is dependent on vetal non-taboratory personnel. 07-1705-573

A Statement

EMSL

EMSL Analytical, Inc.

6330 Bast 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250

Wednesday, March 25, 1998

Ref Number: 1N98804

Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

	SAMPLE	LOGATION	APPEARANCE	SAMPLE TREATMENT	ASRESTOS % TYPE	*	<u>ngnarre</u> Fibrous		IONFIBROUS
) ;w	VM-81788G08	(b) (6)	Brown Non-Fibrous Hamagéneous	Crushed	None Detected			90% C	
	VB81766Q07		Brown/Black Non-Pibrous Heterogeneous	Crushed/Discoved	None Detected		<i>:</i> .	80% C	
	VBS1786G08		Brown/Black Non-Pibrous Historogeneous	Crushed/Dissolved	None Detected		,	80% (20% (
\(\vec{\pi}\)	VBS1705001	1121 1/2 Armes Blvd, Marrero	Brown Non-Fibrous Homogeneous	:Crushed	< 1% Chrysotile < 1% Crockfolite	i		80% (20% (

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Philips Analyst

Approved Signatory

07-1705-570

Disclaimers: FLM has been known to miss ashestes in a small parsentage of samples which contain ashestes. Thus negative PLN be guaranteed. Proof tiles and wipes should be tasted with either \$8M or YBM. The above test report retains only to the itsme test may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to slaim product ends NYLAP nor entry approved or the United States Government. All "NYLAP" reports with NYLAP logs must contain at least one algorithm Laboratory is not respeciable for the accuracy of results when requested to physically separate and analyze leyered samples. Analyzis performed by SMSL of indianapolis (NYLAP Air and Sulti \$200188-0).



 By PM
 Date 3-24-98 Subject Restoration Site # 1705
 Sheet No. _____of _____

 Chkd. By _____ Date ______
 Proj. No. ______

ROCK 1121¹2 AMES. BIVD MARRERO 1121 AMES BIUD. MARRERO

-:

07-1705-590

WF1949

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORATION FORM

SITE# <u>1705</u>

	DATE	DATE	DATE	DATE			
•					EST. QTY.	ACTUAL QTY.	ACT.
_							
Rock Installation (sq.yds.)					181.50		-
Sod Installation (sq.yds.)					:		
5" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					-		
Sand Installation (sq.yds.)							<u> </u>
Lower Lift Sand							
Rock, Brown (cu.yds.)		·					
Rock, Gray (cu.yds.)					78.≅		
Sand (cu.yds.)							
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	age			
COMMENTS:			······································				
					07-	1705-590	
IT REPRESENTATIVE SIGNATU	JRE						
SUB 1 SIGNATURE							

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9-24-98</u> SITE#: <u>1705</u>		ADDRESS:	1/21/2 PAMES BLUD. MARRERO
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	0	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	0%	=	
SKETCH OR COMMENTS:			
NO ACM		TORE	ON SLAB
	エ レ	+ 2 T	07-1705-540

TEAM MEMBERS:

J.X. + P.T.

Tracking Number	1706

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address:	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Th	an Occupant:
Site Description:	
Description of property (circle): single home; vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Site Sketch: FROM STREE 1843 (b) (6) Estimated Volume of ACM: Comments:	
Date/Time of Interview: 6-8-98 14	Access Granted (circle) yes; no
Team Members:	07-1706-510

Tracking #: 1	706_
---------------	------

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (b)
Property Address:	
State/Zip:	Phone Number(s) (b)
,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate inzardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

U- 8-98 DATE SIGNATURE

07-1706-520

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SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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EMSL Analytical, Inc.

0330 E. 750 St., Suite 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fex: (317) 570-5894 EMSI

Ecology & Eur/Ironment 11550 New Castle Avenue

Attn.: Chris Sansome

Solte 250

Baton Rouge, LA 70816

Wednesday, June 17, 1998

Ref Number: IN981961

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTEANK ASBESTOS

SAMPLE	LOGATION	APPEARANCE	SAMPLE TREATMENT	ARRESTOR % TYPE	MOMARBESTOR % PIEROUS %	NONTIBROUS
WB31790Q01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed .	< 1% Chrysotile	1009	6 Other
WB51706001		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle	1004	6 Other
WB91945G09		Brown Non-Pibrous Hamageneous	Crushed	None Detected	100	6 Other
WB81945G04		Brown Non-Fibroue Homogeneous	Crushed	5% Ohrywotile	954	6 Other
WB81680G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected	1009	6 Other
WB91880G02		Brown Non-Pitrous Homogeneous	Crushed	5% Chrysotile	984	6 Other

Comments: For all obviously heterogeneous samples easily apparated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY eximples also engiged by ELAP 198-1 Method

Approved Signatory

be guaranteed. Samples reported as 41% or none detects bested. This report may only be reproduced in part with will endomment by NVLAP nor say agoncy of the United State to be widd. Laboratory is not responsible for the sociations.

Analysis performed by EMSI. Indianapolis (NVLAP Air and Bulk \$200168-0,)

011956

07-1706-570

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION FORM

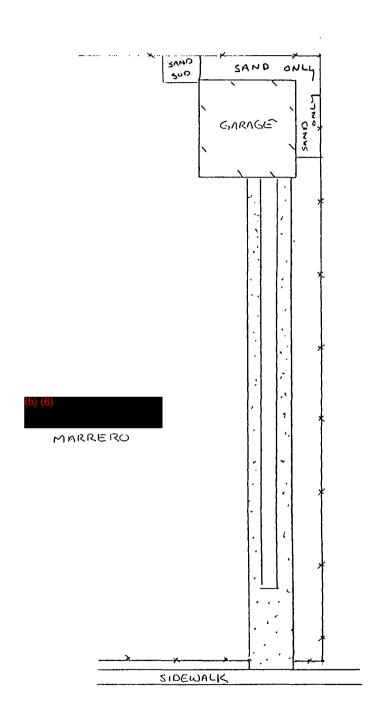
SITE# <u>1706</u>

						07-1706-5	90
							· · · · · · · · · · · · · · · · · · ·
COMMENTS:	Site Ske	tch on B	ack of P	age			
EXTRA							1
Topsoil (cu.yds.)							
Walkway Rock Inst. (sq.yds.)			· · · · · · · · · · · · · · · · · · ·				
Plastic Edging (ft.)							
Concrete (cu.yds.)							
Sand (cu.yds.)					G. 😇		
Rock, Gray (cu.yds.)							
Rock, Brown (cu.yds.)							
Lower Lift Sand							ļ
Sand Installation (sq.yds.)					16.60		
1" Concrete Installation (sq. yds.)				:	: : :		
S" Concrete Installation (sq. yds.)					·····		
Sod Installation (sq.yds.)					2.50		
Rock Installation (sq.yds.)							
					QTY.	QTY.	COMF
	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT



ノ

By PM	Date <i>G-15-98</i>	_Subject	RESTORATION	site	#	1706	Sheet No	of	
Chkd. By	Date						Proj. No		



07-1706-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/20/96 SITE #: 1706		ADDRESS:	(b) (6) Marrero	
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
No Alm				
TEAM ME	MPEDS: MY	1000	07-1706-	540

FIELD DATA SHEET 1

Site Information:
Occupant Interviewee:
Address:
Phone No.: (b) (6)
Owner Name, Address, and Phone Not (6) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate, gate, dogs, other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:
5) (6) Flouse Sacm Sacm
Concrato
Estimated Volume of ACM:
Comments: 54 cm i'm back of Lovineway by conven of how
Date/Time of Interview: /// / 197 /500 Access Granted (circle): yes; no
Team Members: Gb /5J 07-1707-510

Tracking #:	707
-------------	-----

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	5) (6)			
Property Owner's Name				
Property Address:				
State/Zip:	Phone Number(s) ^(b) (6)	_	
•	•	,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - Replacement of removed asbestos-containing material with a like-material (i.e., C. clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to migrate releases or threats or releases of e. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

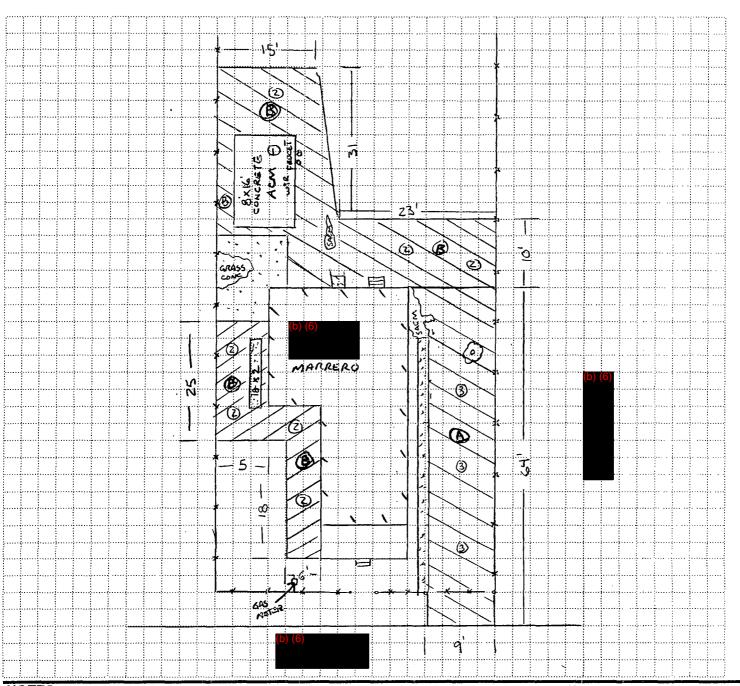
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-4-97 DATE

SIGNATURE

07-1707-520

UPDATED:



NOTES: (NTS)

WATER LEAK AT HOT

WATER HEATER

77	COVER	THICKNESS	
①	4" CONC.	6"+	
(2)	Z" GRASS	2 <u>`</u> - G"	
(3)	2"3" SHELL	2-6	

RESTORATION: A: LIMESTONE

B: GRASS

C:

07-1707-530

ARRIVAL:

DEPARTURE: RESTORATION APPROVED BY:



VIA PHONE @ 0975 DATE: 12/16/87

TEAM: MD, PM JM 12/15/97

DATE: 12/10/97 8 TO IT 12/16/97

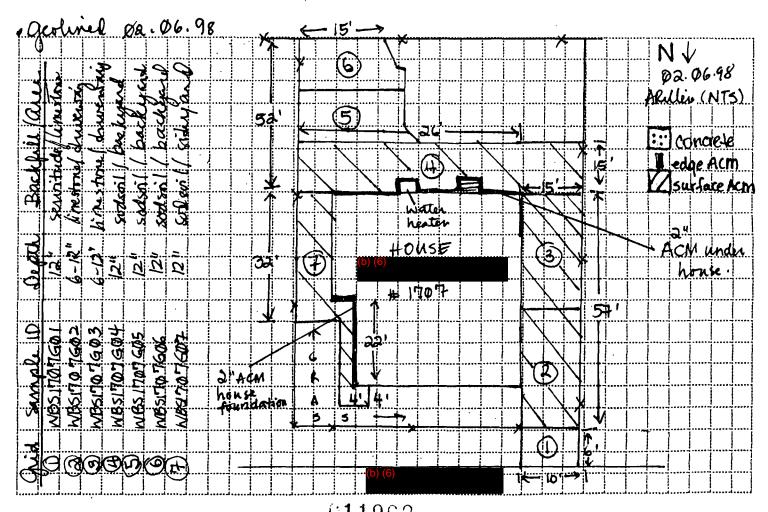
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE# 1707	ADDRESS: (b) (6)
	Manyon LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical result received as of 02.06.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: \checkmark \checkmark \checkmark \checkmark A. PROCEED WITH RESTORATION: B. FURTHER ACTION NECESSARY:



011962 AUTHORIZED EPA/START REPRESENTATIVE <u>Alm</u> Rellin

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera 🔒 **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Tuesday, February 10, 1998

Ref Number: IN98382

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

		TION APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>			<u>NONASBESTOS</u>		
SAMPLE	LOCATION			%	TYPE	%	FIBROUS	%	NONFIBROL
WBS1624-G01	o) (6)	Brown	Crushed	< 1% Ch	rysotile	· · · · · · · · · · · · · · · · · · ·		80%	Quartz
;		Non-Fibrous	•			:		20%	Other
j		Homogeneous				i '			•
			:						
WBS1752-G03		Brown	Crushed	< 1% Cro	ocidollte			80%	Quartz
		Non-Fibrous	•				iţ		Other
!		Homogeneous	i,						
l		• • •							•
WBS1718-G01		 Brown	Crushed	 < 1% Ch	rvsotile	:		80%	Quartz
		Non-Fibrous		< 1% Cm	•				Other
		Homogeneous					·		
1		•	i .			. İ			
WBS1707-G01		Brown	Crushed	No	ne Detected	1		80%	Quartz
		Non-Fibrous							Other
		Homogeneous				İ			
· 1 _1. ·			<u>l</u> . i			. i	_		
WBS1707-G02		Brown	Crushed	< 1% Ch	rysotile	1		80%	Quartz
		Non-Fibrous		< 1% Cre				20%	Other
1		Homogeneous							
i				:			,		
WBS1707-G03		Brown	Crushed	2% Ch	rysotile			78%	Quartz
· .		Non-Fibrous		< 1% Cm	ocidolita			20%	Other
j	* 1	Homogeneous				;			
. :	4.					ļ			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbeatos in a small percentage of samples which contain asbeatos. Thus negative be guaranteed. Floor tiles and whose should be teeted with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim productive. NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one si Laboratory is not responsible for the accuracy of results when n Analysis performed by EMSL of Indianapolis (NVLAP Air and Bi

07-1707-570



EMSL Analytical, Inc. Indiana de 1800 Phone (317) 570-5892 Fax

6330 East 75th Street, Suite 152 Phone (317) 570-5892 Fax (317) 570-5894

Tuesday, February 10, 1998

Attn.: Alma Rillera 🕝 **Ecology & Environment** 11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816

Ref Number: IN98382

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	%	<u>NONASBE</u> FIBROUS	<u>STOS</u> % NONFIBROUS
WB\$1707-G04	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			80% Quartz 20% Other
WBS1707-G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		a#	80% Quartz 20% Other
WBS1707-G06		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite	; ;		80% Quartz 20% Other
WBS1707-G07	; ,	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite	í :		78% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Signatory

07-1707-570



Disclaimers: PLM has been known to miss aspessos in a small percentage of samples which contain espessos. Thus nogs be guerenteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the fit may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleim produced. NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one

6330 East 75th Street, Suite 152 Indianapolis, In ra 4625 Phone (317) 576- 392 Fa. 37) 570-5894



Attn.: Gregory R Day **Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98383

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: 020601RAG1

Sample	Location	Sample Date	Volume (liters)	Flbers	Flelds	L.O.D. ſIb/cc	flbers/ mm²	flbers/cc
WBA1707-HF1	(b) (6)	2/6/98	4387.35	2.0	100	0.0006	2.55	<lod< td=""></lod<>
WBA1707-HF7		2/6/98	4277.99	3.0	100	0.0006	3.82	<lod< td=""></lod<>
WBA1707-HF-8		2/6/98	4332.42	5.0	100	0.0006	6.37	<lod< td=""></lod<>
WBA1707-HF12		2/6/98	4334.89	1.0	100	. 0.0006	1.27	<lod< td=""></lod<>
WBA1716-HF3		2/6/98	2835.00	4.0	100	0.0009	5.1	<lod< td=""></lod<>
WBA1716-HF9		2/6/98	2821.57	0.0	100	0.0010	0	<lod< td=""></lod<>

BLANK ID: WBABL

Jane Wasilewski

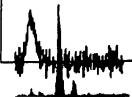
Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. S LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and which is dependent on volume collected by non-leboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1707-572



6330 East 75th Street, Suite 152 Indianapolis, *diana 46256 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Gregory R Day **Ecology & Environment**11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Friday, February 13, 1998

Ref Number: IN98384

ECO FEB 1

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	#STRUCTURES < 5μ ≥ 5μ NONASB	AREA ANALYZED (mm²)	CONCENTI ASBESTOS S AS/mm²		ANALYTICAL SENSITIVITY (AS/cc)
WBA1707-HF8	4332.42	Chrysotile	0	0.0484	41.3223	0.0037	0.0018
WBA1716-HF9	2821.57	None Detected	0	0.0484	<20.6612	<0.0028	0.0028
WBA1745-HF11	3155.25	None Detected	o	0.0484	<20.8612	<0.0025	0.0025

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

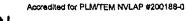
Richard K. Harding

Analyst

Approved Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on vi

07-1707-572





 By
 PM
 Date
 2-9-98
 Subject
 RES for A fin No.
 5 ife
 # 1707
 Sheet No.
 of

 Chkd. By
 Date
 Proj. No.
 Proj. No.
 Proj. No.



WESTBANKIASBESTOS ABATEMENT. NEW ORLEANS LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION FORM

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					119.00		
Sod Installation (sq.yds.)	٠.		·		168.50		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)				·			
Sand Installation (sq.yds.)			41		168.50		
Lower Lift Sand				•			
Rock, Brown (cu.yds.)			-		•		
Rock, Gray (cu.yds.)					40,00		
Sand (cu.yds.)					5Z.ºº		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of F	Page			
COMMENTS:		<u>.</u>					· · · · · · · · · · · · · · · · · · ·
				,, 			
IT REPRESENTATIVE SIGNATU	RE				0 7	7-1707-590 	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8.25.98 SITE#: 1707		ADDRESS (b) (6)	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	12′′		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		_	
SKETCH OR COMMENTS:			
6.13.90			
	-		
James Anguel			
		07 1705	7.540

TEAM MEMBERS:

ASB/PUC 011969 07-1707-540

Tracking Number _____1708

FIELD DATA SHEET 1

site intormation.						
Occupant:			Interviewee	:: (h) (6)		
Address: (b) (6)		(cor	ner lod	<u>on</u>		
Phone No.:						
Owner Name, Address and (b) (6)			(D)	(6)	I marke	
Site Description:						
Description of property (a vacant house; Vacant lo		duplex; bu	siness; sch	ool; daycare	e; church;	
2) Problems accessing yards resolution:		gate; dogs	; other			
3) Underground utilities inst septic tank; other Note location on site sket		no; water	; gas; el	ectric; cable	ТV;	
4) Is any underground ACM If yes, note on site sketch.			(now		1	
Site Sketch:		SALM	(S SACM	(b) (6)	
	Δ	we			(b) (6)	V
Estimated Volume of ACM:						
Comments: Vac	and lot corn	(b) (6)			v	
Date/Time of Interview:		·	Access Grai	nted (circle):	yes; no	
Team Members:				07-	1708-510	

Tracking #: 1708

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's I Property Address:_	,. (b) (b) (6)) (6)	
State/Zip:		Phone Number(s)_	
•	1 6		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - n. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and a trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - e. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - c. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/17/96 BATE

(b) (6)
SIGNATURE

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THE REPORT OF THE PARTY OF THE	
(b) (6)	<u> </u>
OTES: Coener Lot on (b) (6) # COVER THICKNESS	
INTS) WELY OVERGROUND LOT - DIFFICULT to tell (1) [-Z" GRAVE 501 2-3" ACM EXTENT OF ACM. TOTAL LOT 512E 15 (2) 2-4" 560 501 2-3" ACM	
ARROX 100' x 200' - AFTER TALKING TO LOCAL RES. (3) 6"300 301 -	
M MM he much more extensive once we get into ground.	
ESTORATION: A: Hydro-1eed	
B:	
ADDIVAL: 0410	708-530
ESTORATION PPROVED BY: OSCIACE DUW DATE: 7,21,580WNER (6) (6) DATE: DATE: 7,21,580WNER (6) (6) DATE: DATE: DATE: 972,	

UPDATED: 7/2498 13/ TREE (b) 2 (c) 3 Myro Debris ② 0 0 **②** 0 D D Treas Vacant Lot - Debres Dile NOTES: COVER THICKNESS tlo" 500 4 50il *2" ACM +2" ACM -2"cmorete 42" AM RESTORATION: A: SAND 07-1708-530 ARRIVAL: 900 DEPARTURE: 950 RESTORATION APPROVED BY: OSC/ACE 72 DATE: 1 OWNER 15 (6) (6)

TEAM: AL ML DATE: 7124178 TO IT DATE: 1 DATE: 11/17/98 011973

Resident Contact Log Owner

Resider Proper Owner Curren	ty Addi Name:	(b) (one/Fax	:	-vacand lot @ Corner of (b) (6)	, Marrero
M/P/\Y	Date	Time	Init	R/I	Comments	Status
P	5/8	0915	Com	I	called for (6) (6) (e: amorshi uns influmed by Aperson that New	P 34/-0
					Call agla spm to speak of (0)(6)	does
P	5/9	1212	CVm	+	Called - left msg re: awarship	
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M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-24-98 SITE #: 1708		ADDRESS:	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	07		
SKETCH OR COMMENTS:			
ND ACM		YOUSE ON SLAIS	

TEAM MEMBERS: J./. & T.T.

07-1708-540

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645



Attn.: Amanda Loone

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Wednesday, December 16, 1998

Ref Number: TX985735

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-RAG1-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	%	<u>NONASB</u> FIBROUS	ESTOS %	NONFIBROUS
WBS1708G01	b) (6)	Brown Non-Fibrous Homogeneous	Teased .	< 1% Chr	ysotile			100%	Other
WBS1708G02		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile		_ 	98%	Other
WBS1708G03		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile	· " · = · · · · · · ·		98%	Other
WBS1708G04		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile		. = .	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMST, he above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

A Market

07-1708-570

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645

999 999

Attn.: Amanda Loone

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, January 11, 1999

Ref Number: 1X9949

POLARIZED LIGHT MICROSCOPY (PLM)ECD JAN 1 5 1999

Performed by EPA 600/R-93/116 Method*

Project: 020601-RAG1-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	STOS TYPE	%	<u>NONASBE</u> FIBROUS	<u>sros</u> %	NONFIBROUS
- WBS1708G07	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	6 Other
WBS1708G08		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile	-		98%	6 Other
- WBS1708G05		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile		-	98%	6 Other
WBS1708G06		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile	21 7 277		98%	Other
WBS1708G09		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	Other
WBS1708G10		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile		·	98%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

Analysis performed by EMSI. Houston (NVI AP Air and Rulk #102106, Taxas Dept. of Health #30.0159)

07-1708-570

Signatory

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645

64.5 AME

Attn.: Amanda Loone

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816 Monday, January 11, 1999

Ref Number: TX9949

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

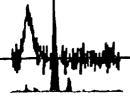
Project: 020601-RAG1-WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	STOS TYPE	%	NONASBES FIBROUS		NONFIBROUS
WBS1708G11	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	Other
WBS1708G12		Brown Non-Fibrous Homogeneous	Teased	2% Chr	ysotile			98%	Other
WBS1708G13		Brown Non-Fibrous Homogeneous	Teased	- 2% Chr	ysotile			98%	Other
WBS1963G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other
WBS1963G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chr	ysotile			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately Also, "# of Layers" refers to number of separable subsamples.

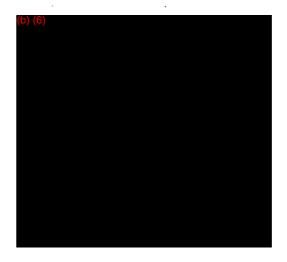
* NY samples also analyzed by ELAP 198-1-Method

Carlos D. Salinas Analyst Approved Signatory



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in part with written approval by EMD. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples

2



07-1708-600

Page 1 of Z

Tracking Number 1709

FIELD DATA SHEET 1

Site Information:	
Occupant: Hope Haven Center	Interviewee: Edgor (asserto
Address: 1108 Barataria Blva., Marre	<i>"</i>
Phone No.: 347-558\	
Owner Name, Address, and Phone No. if Different Than Occupa Carnolic Charities - Same of as About	ant:
Site Description:	
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other vacant building or	business) school; daycare; church; proporty of Horic Haven Center
Problems accessing yards (circle): locked gate; gate; d resolution:	logs; other
3) Underground utilities installed by owner? (circle): no; we septic tank; other	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): (ves; no; don If yes, note on site sketch. How deep?	n't know
Site Sketch: Julian Swengen	Acm.
Road in Hape Hoven Front J Gym Center # 1108	Areh Bisnop SHAW High
BARATARIA	
Estimated Volume of ACM:	
Comments: acm in Bar Julian Saen. Front of	gren Gymnasium - Behind Bldg. BARTTARI Infrant of by M.
Date/Time of Interview: 1798 1500	Access Granted (circle): (yes) no
Team Members: DD CS	
Letter from Attorney is considered	
011981	07-1709-510

Page 2 of 2

Tracking Number $_{-}$ $^{17}\phi 9$

2 ADDRESSES FOR ONE SITE ARCHDIOCESE OF N.O.

FIELD DATA SHEET 1 SEE

Site Information:
Occupant: HOPE HAVEN / MADONNA MANDOR Interviewee: EDGAR LAZARO
Address: 1101 BARATARIA BLUD MARRERO LA
Phone No.: 347 - 5581
Owner Name, Address, and Phone No. if Different Than Occupant: ARCH DIOCESE OF N. O.
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Sacra MADONNA WANDR Hope Red Hover Net 1101 Barotaria
Estimated Volume of ACM:
Comments: ACM IN FRONT OF MADONNA MANOR AT NORTH END OF PARKINGLET
LETTER FROM ATTORNEY HAS BEEN DECLARED CONSENT FOR ACCESS BY OSC
Date/Time of Interview: 1898 35/27/98 Access Granted (circle): Ses, no
Team Members: 6D / PL 07-1709-510

DENECHAUD AND DENECHAUD

CHARLES I. DENECHAUD (1901-1956)
CHARLES I. DENECHAUD, JR.
THOMAS A. RAYER
CHARLES I. DENECHAUD, III
OTTO B. SCHOENFELD
EDWARD B. DENECHAUD
DON M. RICHARD
RICHARD A. BORDELON
F. EVANS SCHMIDT

ATTORNEYS AND COUNSELLORS AT LAW
1207 FIRST NATIONAL BANK OF COMMERCE BUILDING
NEW ORLEANS, LOUISIANA 70112-4100

(504) 522-4756 FAX (504) 568-0783

January 13, 1998

Site # 1709

Mr. Jeff Wright
Ecology and Environment, Inc.
c/o Harvey State Building
2150 Westbank Expressway
(Trailer in Rear)
Harvey, Louisiana 70058

RE: OF 13932 -

Catholic Charities Archdiocese of New Orleans - Hope Haven Center -

Removal of Asbestos - EPA Superfund

Dear Mr. Wright:

This will confirm our telephone conversation of today wherein I advised you that the Archdiocese of New Orleans and Catholic Charities is willing to cooperate with the Environmental Protection Agency and other federal and state agencies in obtaining samples of material from the Hope Haven Center site for evaluation and/or testing to determine the presence of asbestos containing material therein. If it is discovered that there is asbestos containing soil or other material on the site, we would certainly be interested in having this removed and replaced in connection with the provisions of federal law (CERCLA).

However, before giving consent to the removal of such material if it exists, the Archdiocese feels that it would be appropriate for it to obtain from the proper contractor or agency an agreement of indemnity in connection with the removal of such asbestos containing material. Specifically, we would ask that an indemnity agreement be signed by the subcontractor who would be performing the work or other governmental agencies with whom the subcontractor is contracting, indemnifying the Archdiocese and Catholic Charities against all suits, claims or demands which may be made by third persons or employees of Hope Haven Center alleging exposure to asbestos fibers which would be released in the atmosphere as a result of improperly performed removal procedures. We would hope that we could obtain such indemnity inasmuch as this facility is a residential facility for a number of adolescent residents who are placed there by the State of Louisiana or other agencies and we feel an obligation to protect them against any possible hazard which could be created as a result of disturbing material presently on the site in the course of removal.

Mr. Jeff Wright January 13, 1998 Page 2

I will await for either a response from you or other representatives of either EPA, DEQ or the Corp of Engineers in this regard.

Sincerely,

DENECHAUD AND DENECHAUD

Thomas A. Rayer

TAR/kgk

cc: Mr. Andre' Villere

DENECHAUD AND DENECHAUD

ATTORNEYS AND COUNSELLORS AT LAW
1207 FIRST NATIONAL BANK OF COMMERCE BUILDING
NEW ORLEANS, LOUISIANA 70112 4100

May 12, 1998

OTTO B. SCHOENFELD EDWARD B. DENECHAUG DON M. RICHARG RICHARG A. BORDELON

CHARLES I. DENECHAUD, III

CHARLES I. DENECHAUD. JR.

THOMAS A. RAYER

F. EVANE SCHMIDT

CHARLES I. DENECHAUD (1901-1956)

(504) 522-4756 FAX (504) 568-0783

Mr. John J. Martin EPA On-Scene Coordinator Region 6 1445 Ross Avenue, Suite 1200 Dallas, TX 75202-2733

Re: Removal of Asbestos - EPA Superfund (site #1709)

Dear Mr. Martin:

In furtherance of your letter of March 12, 1998, advising that EPA is not in a position to provide any hold harmless or indemnification against liability claims alleged to have arisen from abatement work by EPA, we have discussed this matter further with our client. Catholic Charities of the Archdiocese of New Orleans, and are now authorized to grant permission for inspection and testing to proceed.

After further review of the matter, we have determined that we will grant permission for EPA and its contractors to have access to the Hope Haven Center site for purposes of extracting samples of materials and testing and analyzing same for the presence of asbestos containing materials. However, at this time my client would grant permission only for the entry upon its property for purposes of extraction of samples of material and analysis to determine the presence of asbestos containing material and the extent thereof. If, of course, the tests reveal that there is no such material, then the question of the timing and method of removal becomes moot. On the other hand, if there is asbestos containing material on the site, prior to the granting of permission to EPA and its contractors for the removal thereof, we would wish to have an understanding with respect to the timing of the project of removal and replacement of material. That is, we would wish to have some agreement as to the date of commencement, the length of time within which the project would take to complete, and the method of removal, including ingress, egress, enclosure of the construction site, etc.

We feel that this information is essential because Hope Haven Center is a private residential facility for adolescent boys and girls who have been placed by the state of Louisiana through its juvenile courts and/or The State Departments of Social Services and Corrections. A large percentage of the residents of the facility are placed there because they have been adjudged to be

1709

Mr. John J. Martin May 12, 1998

Page 2

either abandoned, delinquent, or involved in some type of criminal activity as a juvenile. The facility is, however, not a maximum security facility, and the residents are allowed to recreate and have other activities on the grounds of the center under supervision by staff of the facility. There is also a considerable number of persons who are visiting the site for various purposes on a daily basis. Therefore, there may be a concentration of persons close to the immediate area where these asbestos containing materials are to be removed, and we are concerned that they may be subject to exposure to significant fiber release that may be occasioned through EPA's operations, particularly the removal of such materials, if not properly handled. Likewise, we are concerned over the possibility of ACM material released into the atmosphere finding its way into either the air-handling equipment of the buildings or the building themselves, unless properly protected against such intrusion of ACM fibers. It is therefore necessary that the staff and management of the facility have adequate notice for advance planning with respect to securing not only the building, but the safety of its residents against a potential fiber release during the course of removal of this material. The timing thereof and the duration of such construction is therefore crucial to how this can be best achieved.

We realize that we cannot be informed as to these particulars of the construction phase of this project until such time as there has been an evaluation of the material on the site, not only as to the existence of ACM, but also the location and quantity thereof in terms of cubic feet of material to be removed, and a determination of the method of removal and replacement thereof with other types of similar suitable material.

Therefore, after you have conducted your preliminary investigation and we are informed as to the nature and extent of such ACM on the site, and given specific information as to the particulars above set forth, we would then be in a position to execute a further authorization for the second phase of this project, which would be the actual removal of said material and replacement thereof with suitable material.

Very truly yours,

DENEÇHAUD & DENECHAUD

Thomas A. Kayer

TAR/vfg

cc:

Mr. Robert J. Guasco, BCSW, MHA

07-1709-600

011986

CONSERT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: C. THOLIS CHARITIES ARCH DICERE OF NEW DELEASE!	Hope.
Property Address: 101 1108 CARATARIA BLOG MA	CENTER
State/Zip: 44-7 CA 705 73 Phone Namber(s) (504) 34-7. 555/	C. 18 . C.

I bereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agenty (EPA) critering and having continued access to my property for the following purposes:

- 1. The taking of such soil; water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response rotion including, but not limited to; the following actions:
 - a. Use of medianical equipment (e.g. small buildozers, backlices, or tracklices and a trucks) on the property:
 - b. Removal of asbeato recutaminated material from the property;
 - c. Replacement of ten oved asbestos-containing material with a like-material (i.e., clean fill, crushed linicatoric) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vogetation of any sod, by shea, or trees whose removal was a necessary part of the removal soften and;
 - c. The taking of other actions accessary to migrate releases of threats or releases of hazardous substances, polintants or contaminants from the property.

I realize that these actions are undertaken pursuant to EFA's response peronabilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9801 at any Under these authorities, EFA can only remediate inzardous substances beared on such a projectly.

This written permission is given by me voluntarily with knowledge of my right to refine and without threats or produces of any kind. By signing this access appointed I am not waiving any rights in law or in equity I may have against any person or party in commendant with the response action EPA will perform.

SCHATTELE.

PART

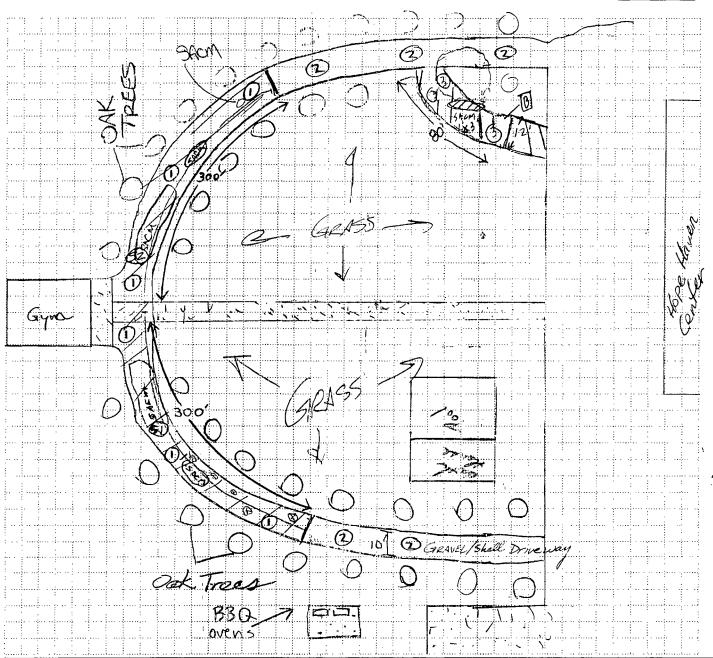
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TRACKING # 1709

SITE SKETCH

Pg 1 of 2 ADDRESS: 1101/1108 Barataria Blvd

UPDATED: 7/15/98



<u>NOTES:</u>	# COVER THICKN	ESS
N (NTS)	1 LIMESTONE SHELL 1-3	' ACM 2-3"
1 1	2 LIMESTONE/SHELL	NO ACM
	(3) God Soil (3-4")	2-3" ACM
RESTORATION: A: Limestona B: God (601)		
C: 27.		
ARRIVAL: 1334		07-1709-530
DEPARTURE: 1354		07-1707-330
	///. 19	
RESTORATION		9 11 00
APPROVED BY: OSC/ACE DATE: / /	OWNER / / / Cham	DATE: 1/6/178

TEAM: GD/PL DATE: 5129198 TOUT DATE: 90

Rage 2062 ADDRESS: 1101 1108 Far. Jario Blid 1178

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USEPA WESTBANK ASBESTOS REMOVAL PROJECT 2150 WESTBANK EXPRESSWAY (REAR TRAILER) HARVEY, LOUISIANA 70058 (504) 363-4282

Work plan for ACM removal, Site # 1709

Extent of materials:

Our investigation indicates the presence of asbestos containing materials (ACM) at Madonna Manor (1101 Barataria Boulevard, Marrero) and at Hope Haven Center (1108 Barataria Boulevard, Marrero). The ACM material at 1101 Barataria Boulevard Is located outside of the north end of a circle drive servicing the Madonna Manor building. (See attached sketch). The ACM material at Hope Haven Center is located within approximately 70% of the circle drive area servicing the gymnasium at the west end of the property. (See attached sketch). The ACM at both locations is made up of surface, subsurface, and scattered materials. Limitations of the subsurface ACM areas cannot be precisely determined without disturbing the ground surface, therefore the excavated volume of ACM may sometimes exceed our estimated volume.

Work schedule:

The ACM removal operation at Hope Haven Center is expected to take 3-4 days for removal and 1-2 days for restoration. The removal operation at Madonna Manor is expected to take 1 day for removal and 1 day for restoration. Work can be scheduled to minimize the impact on normal facility operations. No disruption to normal facility operation is anticipated, with the exception that no unauthorized persons may enter the actual work area until ACM removal is complete and all barriers have been removed. This should not impact the facility since the areas to be addressed are lawn and remote driveway areas. Our work days are Monday through Saturday during the hours of 7:00 am to 5:00 pm. A mutually agreeable schedule can be worked out between our respective representatives prior to commencement of work.

Standard work practices:

ACM removal work will be performed using an excavator for removal and front-end loader for placing excavated material into trucks for disposal. An Asbestos Contractor Supervisor, licensed as such by the Louisiana Department of Environmental Quality (LADEQ), will be on site at all times during ACM removal operations. Perimeter and personnel air monitoring will be performed to monitor for airborne fibers. Prior to excavation, the work areas will be cordoned off with warning tape to secure the area. During excavation the ACM will be maintained in a wet condition so as to eliminate any potential dust emissions. Excavation will proceed in an orderly fashion from the rear of the ACM area to the front. Excavation depth will generally not exceed 12 inches. Excavated materials will be loaded and covered in lined, tandem or triaxle trucks for disposal at an approved facility. Upon completion of excavation, the area will be visually inspected by a LADEQ licensed Asbestos Inspector, and sampled for confirmation purposes. Following inspection and sampling, the excavated areas will be covered with a black geofabric membrane prior to backfill. All excavated areas will be restored with functionally similar materials, i.e. grass in lawn areas and limestone in drive areas. Ingress and egress to the work areas will be via existing roads and drives. Every effort will be made to avoid disruption of normal facility traffic and activities.

We will ensure that our history of continuous, cautious, safe and expedient removal of asbestos-containing materials from private properties in the Westbank communities will continue during the removal activities necessary for your property. In the one and one- half years that we have been removing asbestos on the Westbank, more than 1250 private properties have been safely addressed.

If you have any questions or concerns that have not been addressed here, please feel free to contact John Martin (USEPA) at (504) 363-0037/ (214) 665-6748 or Denzie White at (504) 363-4178.

# of ADVF's Requested 50	Parish# 1340	Source # 85	728	ADVF#					
I. TYPE OF NOTIFICATION	(CIRCLE ONE)	ORIGINAL	REVISE	ED CANCELI	ED ·				
II. FACILITY INFORMATION		Contact: John Martin							
OWNER NAME: U.S. EPA Region 6		Telephone: 2	14-665-2270						
Mailing Address: 1445 Ross Ave									
City: Dallas		State: TX		Zip: 75202					
REMOVAL CONTRACTOR: IT Corp	oration	La. Contractor's L	iscense #: 13868	DEQ ID #: 8S00649					
Address: 2150 Westbank Expressway									
City: Harvey		State: LA		Zip: 70058					
Contact: Roger Clifford		Telephone: (:	504)-363-4282	?					
OTHER OPERATOR:		DEQ Project	Designer #:						
Address:									
City:		State:		Zip:					
Contact:		Telephone:							
III. TYPE OF OPERATION (CIRC	LE ONE) Demo	Ordered Demo Renovation Emergency Reno							
IV. IS ASBESTOS PRESENT? (c	IRCLE ONE) YES NO	Inspection Da	ate: Jan Apr.	. 1996					
Inspector's Name: Debra Bendily (Li	DEQ)	Inspector's A	ccreditation #	: 610685					
V. FACILITY DESCRIPTION (I	nclude building name, num	nber, and floor or room number)							
Building/Component Name: CHURG	CH(1709) #	Fire Marshall Project #:							
Street Address: 1101 \$ 1108 BA		. 1							
City: MARRERO	State; La.	Zip: Pin OO	53 ±	Parish: JEF	ERSON				
Site Location: of Home		Telephone: NA							
Building Size: NA	# of Floors: NA	Age in Years	: NA						
Present Use: NA		Prior Use: N.	Α						
VI. PROCEDURE INCLUDING AN OF ASBESTOS MATERIAL: Bulk Sa	ALYTICAL METHOD IF mpling - EPA Method 600	F APPROPRIA' 0/R-93/116	TE, USED TO	DETECT THE I	PRESENÇE				
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: ① Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed	RACM to be Removed	Nonfriable A Material Not Removed		Indicate Unit N Below	1easurement				
		Cat I	Cat II	UNIT	. · · · · · · · · · · · · · · · · · · ·				
Pipes)			Ln Ft:	Ln m:				
Surface Area				Sq Ft:	Sq m:				
Vol RACM off Facility Component				Cu Ft: 4,000	Cu yds:148				
VIII. SCHEDULED DATES ASBESTOS REI	MOVAL (MM/DD/YY)	Start: 7-15-98 Complete: 8-15-98							
IX. SCHEDULED DATES DEMO/RENOV	ATION (MM/DD/YY)	Start: 7-15-98 Complete: 8.15-98							

NULUBA	ILATION OF DEMOTITION V	<u>TATA BENTALDAN WATERING BILING WITCO</u>	attanea)						
X. DESCRIPTION OF PLAN	NNED DEMOLITION OR RENO ties utilizing standard construction	VATION WORK AND METHOL	,						
OF ASBESTOS AT THE DEM	K PRACTICES AND ENGINEE OLITION AND RENOVATION wet methods and no visible emiss	SITE:							
XII. WASTE TRANSPORTE	R #1		- 1						
Name: Beverly Industries, Inc.		Contact Person: A. J. Phillip, Sr							
Address: P. O. Box 9016 9 Mi	le Point								
City: Bridge City	State: LA	Zip: 70094	Telephone#: (504)527-1686						
WASTE TRANSPORTER	R #2								
Name: B & S Equipment Co., Inc. Contact Person: Billy Ryals									
Address: 1713 Winchester Place	2								
City: Harvey	State: LA	Zip: 70058	Telephone #: (504) 340-2091						
XIII. WASTE DISPOSAL SIT	E:								
Name: Jefferson Parish Landfil	l (Kelvin Landfill)								
Location: 5800 Avondale 90 W	'est								
City: Avondale	State: LA	Zip: 70094	Telephone: (504)436-0244						
XIV. IF DEMOLITION ORDE	RED BY A GOVERNMENT AG	ENCY, PLEASE IDENTIFY TH	E AGENCY:						
Name:		Title:	Authority:						
Date of order (MM/DD/YY)		Date ordered to begin (MM/DD	/YY)						
XV. FOR EMERGENCY REN	IOVATIONS								
Date and hour of emergency (M	M/DD/YY):								
Description of the Sudden, Une	xpected Event:								
Explanation of how the event ca	used unsafe conditions or would o	cause equipment damage (or an u	nreasonable financial burden):						
NONFRIABLE ASBESTOS MATERIA	ES TO BE FOLLOWED IN THE EVENT AL BECOMES CRUMBLED, PULVERIZ		FOUND OR PREVIOUSLY						
Crew will use wet methods to co									
SUBPART M) WILL BE ON-SITE DU	DUAL TRAINED IN THE PROVISIONS IRING THE DEMOLITION OR RENOVA WILL BE AVAILABLE FOR INSPECT (Signature of Officer)	ATION AND EVIDENCE THAT THE RI	EQUIRED TRAINING HAS BEEN DURS.						
XVIII. I CERTIFY THAT THE ABOV			If of EPA 7-9-98						

PURSUANT TO R.S.40:1574 A&B, BE ADVISED THAT NO CONSTRUCTION OR RENOVATION CAN BEGIN UNTIL THE PLANS AND SPECIFICATIONS ARE REVIEWED BY THE OFFICE OF THE STATE FIRE MARSHALL OR IT IS DETERMINED BY THAT OFFICE THAT PLANS ARE NOT REQUIRED TO BE SUBMITTED.

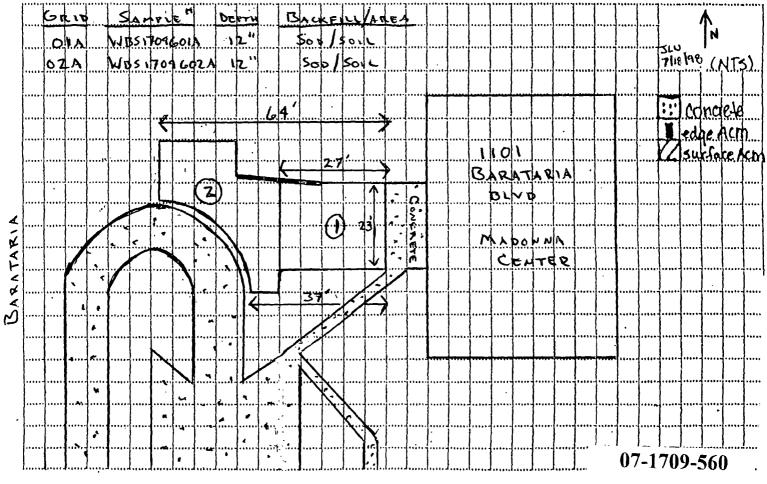
REMIT TO: DEQ/AIR QUALITY DIV. P.O. BOX 82135 BATON ROUGE 70884-2135 TELEPHONE# (504) 765-0895

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# 1709	ADDRESS:	1101 BARATARIA BLVD
,		MARRERO LA
PAC	SE 3 OF 3	•
THE SAMPLE ANALYSIS RESULTS FOR WERE EVALUATED BY THE USEPA S	OR THE ABOVE REFER	RENCED SITE WERE RECEIVED AND AMACUTICAL AS OF 7/18 158
BASED ON AN EVALUATION OF THE	E ANALYTICAL DATA,	WE RECOMMEND THE FOLLOWING
ACTION: GRID#:	1 2 3 4	5 6 7 8
A. PROCEED WITH RESTORATION:	√√	
B. FURTHER ACTION NECESSARY:		
•	,	



AUTHORIZED EPA/START REPRESENTA 14995 A Wit

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Monday, June 01, 1998

Ref Number: IN981712



Attn.: Gregory Day **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPL	LOCATION	APPEARANCE	BAMPLE TRUATMENT	ASSESTOS % TYPE	ROUS %	NONTEROUS
WBS1709S1	1108 Berateria, MA	Brown Nen-Fibroue Hornogensous	Crushed	15% Chrysotile 25% Crockfolite		Quertz Other /
WBS170952	1108 Beretaria, IA	Brown Non-Fibrous Homogeneous	Crushed	15% Chrysotile 20% Crookloits		Quartz Other
WB\$1994G04	(b) (6)	Brown Non-Florous Hamageneous	Crushed	2% Chrysotile	78% (20%)	Quertz Other
WB81977G01		Brown Non-Fibrous Hornogeneous	Crushed	None Detected	 80% 20%	Quertz Other
WB\$1977G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected	80% (20% (Quartz / Other
WBS1936G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crooldolite		Quartz Other

Comments: For all obviously hetergeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "W of Layers" referrate number of separable subsamples.

NY samples also analyzed by ELAP 198-1 Method

Analyst

Discisioners: PLDS has been known to miss exposites in a small percentage of samples which certain extraction. Thus negative the guaranteed. Ploor tiles and wippe inhould be tested with either SEM or TEM. The above test report relates only to the itsme may only be reproduced in full with within expressed by EMSL. The above test must not be used by the otient to claim product (NVLAP nor any approxy of the United States Covernment. All "NVLAP" reports with NVLAP logo result contain at least one sign Laboratory is not responsible for the (sourney of results when requested to physically separate and analyse layered samples. Analysis performed by EMSL of Indiahopoits (NVLAP Air and Bulk 8200188-0).

Approved Signatory

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645 EMS

Attn.: Chris S.

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, July 27, 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS * TYPE	MOMBAN M PHROUS	MENTOS % MONFIBROUS
WB81032001	(b) (6)	Brown Non-Fibrous Homogensous	Crushed	2% Chrysotile		98% Other
WBB1082@02		Brown Non-Fibrous Homogeneous	Grushed	2% Chrysottle		98% Other
WB81709G01		Srown Non-Fibrous Hamageneous	Crushed	< 1% Chrysottle		100% Other
W581709G02	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Hamageneous	Crushed	< 1% Chrysotile		100% Other
WB81709G08	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle		100% Other
WBS1709G04	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Hamageneous	Crushed	< 1% Chrysotile		100% Other

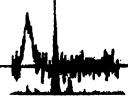
Comments: For all obviously heterogeneous samples easily separated into subsemples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsemples.

* NY samples also enalyzed by ELAP 198-1 Method

Carlos D. Salinas **Analyst**

Approved Signatory

Discipliners: PLM has been known to miss sebestes in a small percentage of samples which contain asbestes. Thus requelive be guaranteed. Samples reported as <1% or none detected should be tested with either 85M or TEM. The above test report to tested. This report may only be reproduced in part with written approved by EMSL. The above test must not be used by the clies endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze beyond.



2501 Central Phwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3645 EMS

Attn.: Chris S.

Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, July 27, 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS * TYPE	Minasi % Fibrous	IESTOS % NONFIEROUS
WB81709G05	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottie		100% Other
WB91709G08	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		100% Other
WB81709307	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysottie		88% Other
WBS1709G08	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Cruehed	< 1% Chrysotile		100% Other
WB 81709G09	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle		100% Other
WB\$1709G10	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Hemogeneous	Crushed	< 1% Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component in antityzed separately. Also, 😭 of Levers" refers to number of separable aubsembles.

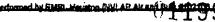
* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

Approved Signatory

07-1709-570

Discisiment: PLM has been known to mise asbestos in a small percentage of samples which contain selbestos. Thus he be guaranteed. Sumples reported as <1% or none detected should be tested with either SEM or TEM. The above test retained. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the endowsoment by NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one was be valid, Laboratory to not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fac: (713) 686-3645 EMS

Attn.: Chris S.

Ecology & Environment Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, July 27, 1998

Ref Number: TX983532

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601-WESTBANK ASBESTOS REMOVAL

RAMPLE	LOCATION	APPEARANCE	Samplė Treatment	APPERTOR Y	MONASARA M Parole	IQB % Nontherous
WB81709G11	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Cruehed	< 1% Chrysotile		100% Other
WB\$1709312	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogenacus	Cruehed	<1% Chrysotile		100% Other
WB81709G13	1106 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WBS1709G14	1108 BARATARIA BLVD., MA	Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other
WB81032003	(b) (6)	Brown Non-Fibraus Homogensous	Crushed	None Detected		100% Other
W981092004		Brown Non-Fibrous Homogeneous	Crushed	None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for isyered samples, each component is analyzed separately. Also, "If of Layere" refers to number of asparable subsamples.

* NY samples also snelyzed by ELAP 198-1 Method

Carlos D. Salinas **Analyst**

Approved Signatory



07/28/1998 12:23

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EMSL HOU

PAGE

EMSL Analytical, Inc.

2501 Central Photy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fam: (713) 686-3645 EMS

Attn.: Amanda Looney Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, July 28, 1998

Ref Number: TX983533

Polarized Light Microscopy (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020501-WESTBANK ASBESTOS REMOVAL

SAMPLE	LOGATION	APPEARANCE	BAMPLE TREATMENT	ARRESTOR % TYPE	Miniarreste * Percus 5	HE X NONFEROUS
W892011G01	(6) (6)	Brown Non-Fibrous Homogeneque	Crushed	< 1% Chrysotile	10	07% Other
WB82011G02		Stown Non-Fibreus Homogehaous	Crushed	< 1% Chrysosia	10	10% Other
W851947G01		Brown Non-Fibrous Hornogensous	Crushed	< 1% Chrysollio	10	10% Other
W881709001A	1702.1101 BARATARIA BLVD, MA	Brown Non-Fibraus Homageneous	Cruehed	< 1% Chrysolije	10	10% Other
WB81709002A	1709.1101 BARATARIA BLVD, MA	Grown Non-Pibrous Hornogeneous	Crushed	None Defected	10	O'S Other
WB81709G15	1709.1101 BARATARIA BLVD, MA	Brown Non-Fibrous Homogeneous	Crushed	4% Chrysotile		10% Other

Community: For all obviously instangeneous samples easily expensive into subsamples, and for layered earnples, each component to analyzed expansive. Also, "if of Layers" refers to mumber of esparable authormpies.

Carlos D. Salinas **Analyst**

Approved Signatory

NY semples also snelpeed by ELAP 198-1 Method

07/28/1998 12:23

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EMSL HOU

E&E BATON ROUGE

PAGE 04

EMSL Analytical, Inc.

2501 Central Play, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fan: (713) 686-3649 TM ST

Attn.: Amanda Looney Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Tuesday, July 28, 1998

Ref Number: TX983833

Polarized Light Microscopy (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020001-WESTBANK ASBESTOS REMOVAL

CAMPLE	LOCATION	APPEARANCE	RANPLE TREATMENT	Addition % Type	ATIM Y PROPOUS	MARKATOR X MONFIBROUR
W851705016	1708-1101 BARATARIA BLVD, MA	Brown Non-Pibrous Hernegeneous	Cruehed	8% Chrysellie		95% Other
2016	2016. 107/100 LAROUSSINI AVE, WE	Brown Nen-Fibrous Homogeneous	Crushed	2% Chrysolile		99% Citier
WBB1807001	(b) (6)	Brown Non-Pibrate Hamageneous	Crushed	< 1% Chrysotile		100% (Wher
WR\$1\$18201		Brown Non-Pibrotia Harnogeneous	Crushed	2% Chrysottle		98% Other

Comments: For all elizabeth historegaments complex control into outseamples, and for layered complex, each component is analyzed expensive. Also, "If of Leyere" refers to manufact of coparable subsemples.

" NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas Analyst

012001

Approved Signatory

07-1709-570





Ву <u>АМ</u>	_Date_ <u>7-18-98</u> Subject_	RESTORATION	sife #	1704	Sheet Noof	
Chkd By	Data				Proj. No.	

07-1709-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTO	RATION	FORM
SITE#	170/	

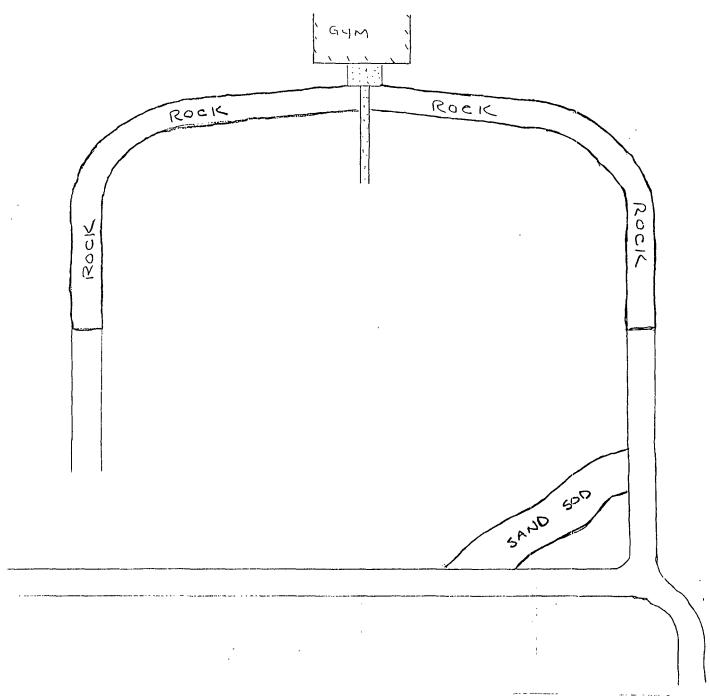
	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
[QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					129.50		
6" Concrete Installation (sq. yds.)			· .	-			
4" Concrete Installation (sq. yds.)		,					
Sand Installation (sq.yds.)					129.50		
Lower Lift Sand							ļ
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)				,			
Sand (cu.yds.)			,		48,00		
Concrete (cu.yds.)							
Plastic Edging (ft.)				:			
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							,
	Site Ske	tch on B	ack of P	age			
COM!MENTS:			·				
IT REPRESENTATIVE SIGNATUR	RE		0120	U3	07-1	709-590	

SUB 2 SIGNATURE

SUB 1 SIGNATURE



Ву	m	Date 7-20-98	_Subject_	RESTORATION	site #	1709 I	Sheet No	of	_
Chkd. E	3v	Date					Proi. No		



07-1709-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE# 1709 IL

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
İ					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					1011.00		-
Sod Installation (sq.yds.)					160.00		
6" Concrete Installation (sq. yds.)							·
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					الاO. ^{سِ}		_
Lower Lift Sand							-
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					235.≃		
Sand (cu.yds.)					75.≌		
Concrete (cu.yds.)							
Plastic Edging (ft.)					,		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COM!MENTS:						,	
							
IT REPRESENTATIVE SIGNATU	RE	1	0 1 200	5	07-	1709-590	
CUD 4 CICNATURE			~ ** ** ** **				

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98 SITE #: 1709		ADDRESS: Tro	1101/1108 Berach
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
No		school/slab	
TEAM ME	MBERS: PL/ 012006	[]	07-1709-540

1-15-98

THOMAS RAYER (LAWYER
FOR HOPE HAVEN) WANTS
INDEMNITY AGREEMENT
(SEE LETTER)

WANT CALL
U.S.

Calcedon XII - AJORE HA

off access

dropped

Tom Rayer attorney Hope Haven

522-4756

info on removal

CALL BACK @ 1/13/98 0900

HOPE HAVEN
BOB GUASCO
347-5581

CALLED FOR DEMZIE

FAXED IMFO 7-9-98 340 2075

FIELD DATA SHEET 1

Site Information:	
Occupant: Interviewee:	
Address: (b) (6)	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	
Same	e e
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; churvacant house; vacant lot; other	clı;
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; no; no't know If yes, note on site sketch. How deep?	
Site Sketch:	•
SACM SACM	
Estimated Volume of ACM:	
Comments: SACVI by steps at read of during,	
Date/Time of Interview: 1-17-97 1115 Access Granted (circle): (yes) no	
Team Members: AL /KJ 07-1710	0-510

Tracking #: 1710

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)	
Property Address: (6)	Mariero
State/Zip: LA 40072	Phone Number(s) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

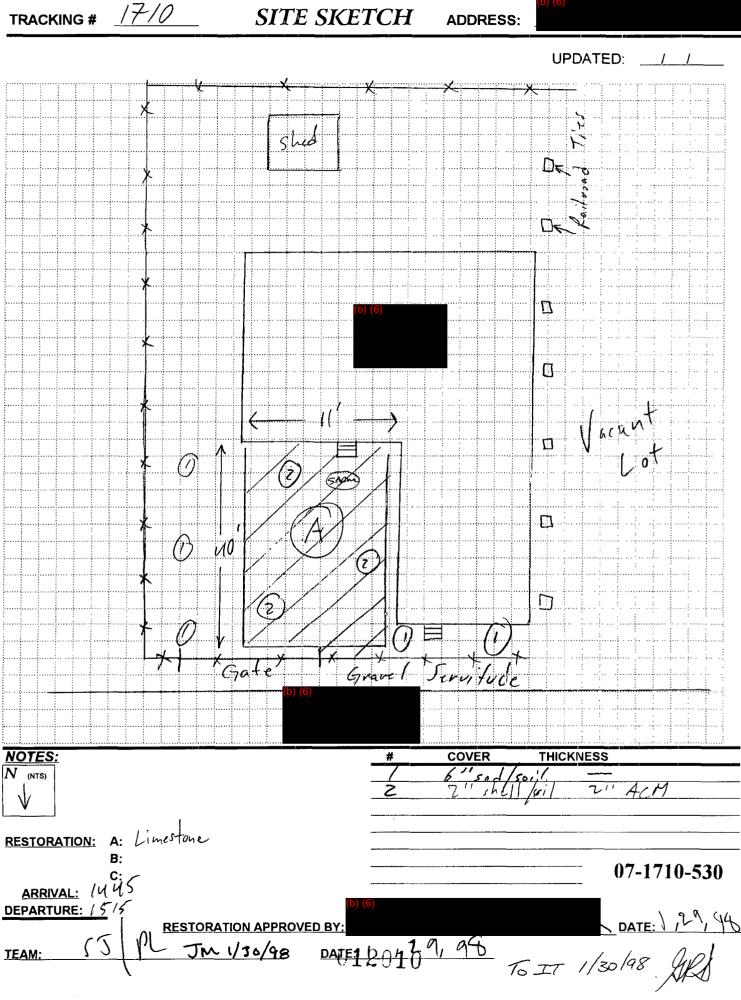
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/29/98 DATE (b) (b)

SIGNATURE



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		· .	, .
e e e e e e e e e e e e e e e e e e e	1		
SITE# 1716	: 	ADDRESS: (b) (6)	
•		MARRERO Ca	
		·	

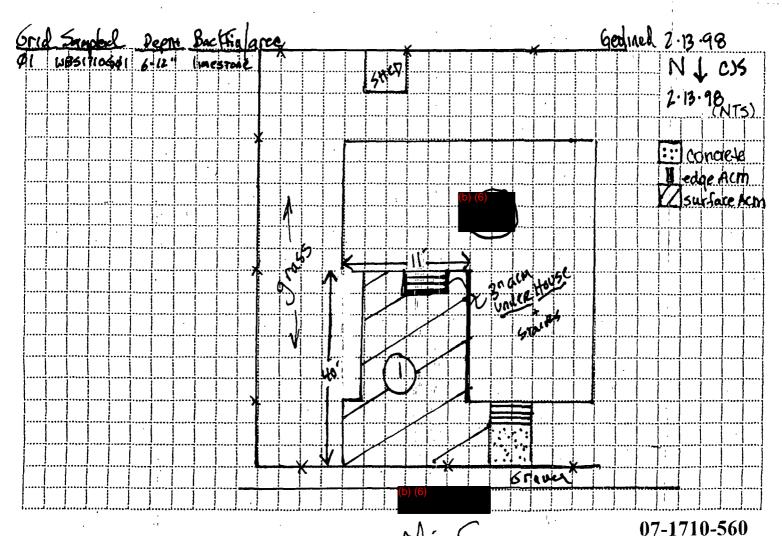
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE TWO OTVORE

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indlanapolis, Indlana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

3175765834

Tuesday, February 17, 1998

Ref Number: 1N98437

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>A\$BI</u>	<u>estos</u>		NONA\$B	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE.	%	FIBROUS	%	NONFIBROUS
WBS1749G01	b) (6)	Brown	Crushed	< 1% Ch	rysotile		,	80%	Quartz
· :		Non-Fibrous		< 1% Cn		•			Other
<u> </u>		Homogeneous							
		:	i	:		•			
WBS1749G02		Brown	Crushed	< 1% Ch	rysotile	•		80%	Quartz
		Non-Fibrous	1	< 1% Cr	ocidolite	i		20%	Other
		Homogeneous	ļ	İ					
WB\$1763G01		Brown	Crushed					. BUST	Quartz
		Non-Fibrous	Crustied	1 % Cm	-				Other
ı		. Homogeneous	:			1		2010	Ottibi
***			j	.i					•
WBS1763G02		Brown	;Crushed	< 1% Ch	rysotile			80%	Quartz
į		: Non-Fibrous	1	:		İ		20%	Other
		Homogeneous	!			i			
						1			
WB\$1710G01		·Brown	¹ Crushed		rysotile				Quartz
		Non-Fibrous		1% Cr	ocidolite			20%	Other
		Mornogeneous		i.					
						:		000/	•
11001132001		Brown	Crushed	No ;	ne Detected	İ			Quartz Other
		Non-Fibrous Homogeneous	1	Ì		:		ZU 78	Other
		1 Minohamanne		<u> </u>		i			
• •			1						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret & Ailly Margaret Phillips
Analyst

Approved Signatory

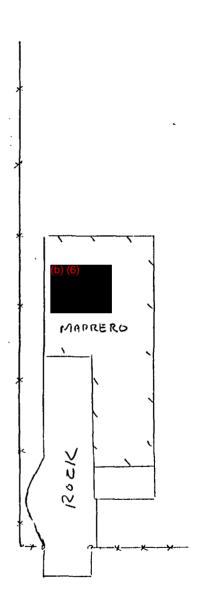
Disclaimers: PLM has been known to miss ascessos in a small percentage of samples which contain ascessos. Thus negative P be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product en NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signal Leboratory is not responsible for the accuracy of results when requested to physically separate and shallyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1710-570



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Ву <i>РМ</i>	Date <u>Z-I7-98</u>	_Subject.	RESTORATION SITE #	1710	Sheet Noof	
Chkd By	Date				Proj. No.	



07-1710-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE # 1710

	DATE	DATE	DATE	DATE			
			· · · · · · · · · · · · · · · · · · ·		EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					67.**		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					18.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							ļ <u>.</u>
EXTRA			11 131 141				
	Site Ske	etch on B	ack of F	Page	•		
COMMENTS:							···
	 		i i i				
7					07-1	1710-590	
IT REPRESENTATIVE SIGNATU	RE				V / - :		
SUB 1 SIGNATURE			0120	1 4			

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/29/98 SITE #: 10		ADDRESS:_ - -	(b) (6) Marrero
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT:	HOUSE		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:	<u></u>	<u></u>	
Notion			
TEAM ME	MBERS: MTL	PLI	07-1710-540

012015

FIELD DATA SHEET 1

Site Information:	(b) (c)
Occupan (1) (2)	Interviewee:
Address: (b) (6)	
Phone No.:	
Owner Name Address and Phone No. if I	Different Than Occupant:
Site Description:	
1) Description of property (circle): sing vacant house; vacant lot; other	de home; duplex; business; school; daycare; church;
Problems accessing yards (circle): local resolution:	cked gate; gate; dogs; other
Underground utilities installed by owne septic tank; other Note location on site sketch.	r? (circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circ If yes, note on site sketch. How deep?_	ele): yes; no; don'st know
(b) (6)	TCM Homes.
Estimated Volume of ACM:	
Comments: SACM in	drivenay by house.
Date/Time of Interview:	Access Granted (circle): (yes) no
Team Members: DM C)5	07-1711-510

Tracking #:	171	١
-------------	-----	---

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(D)	(6)		
Property Owner's Name:			
Property Address:		(b) (6)	
State/Zip: MARRERO	Phone Nun	nber(s)(0) (0)	
•		, ,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/10/55 DATE (b) (6)

AIGNATURE

UPDATED: (3) MARKERO (3) (£). (2) NOTES: THICKNESS COVER N (NTS) (1) 2" GRASS 4" ACM 6" GRASS RESTORATION: A: LIMESTONE B: CONCRETE - SIDEWALK 07-1711-530 **ARRIVAL: DEPARTURE:** @ 1920 DATE: 12/17/97 **RESTORATION APPROVED BY:** MD, PM JM 12/15/97 DATE: 12 1 12 1 97 @ TO IT 12/18/97

012010

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

•		Marrero LA	
SITE#	וייו	ADDRESS: (b) (6)	
FYI:			

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical route received as of 02.04.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

GRID#:

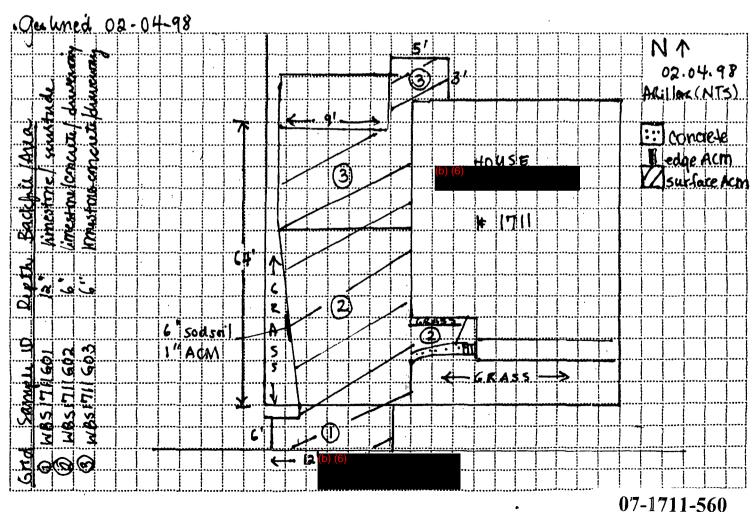
 \checkmark

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B. FURTHER ACTION NECESSARY:

A. PROCEED WITH RESTORATION:



AUTHORIZED EPA/START REPRESENTATIVE Alma Rillera 012019

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Altn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Friday, February 06, 1998

Ref Number: 1N98344



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE		estos		NONASB	<u>estos</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU S	%	NONFIBROUS
WB\$1755-G01	o) (6)	Brown	Crushod	No	ne Detected		•	40%	Quartz
:		Non-Fibrous		!		:		60%	Other
! :		Homogeneous		;		!			
.			:			, i			
WBS1711-G01		Brown	Crushed	< 1% Ch	rysotile			40%	Quartz
		Non-Fibrous		. < 1% Cr	ocidolíta	:		60%	Other
		Homogeneous	;	; ;		;			
i			.i			ļ			
WBS1711-G02		Brown	Crushed	< 1% C	rysotile			40%	Quartz
İ		Non-Fibrous	•	1 .				60%	Other
:		Homogeneous	1						
í			.]						
WB\$1711-G03		Brown	Crushed	< 1% Ch	rysotile	•		40%	Quartz
1		Non-Fibrous	1	< 1% Cr	ocidolite			60%	6 Other
		Homogeneous	,	1					
i				1		ι			
WB\$1617-G01		Вгомп	Crushed	< 1% Ch	rysotilė	;	• • •	40%	Quartz
		Non-Fibrous		< 1% Cr	ocidolite			60%	6 Other
:		Homogeneous							
5 11 14 MILES									
WBS1617-G02		∙Brown	Crushed	< 1% Ct	rysotile			40%	6 Quartz
		Non-Fibrous	1		ocidolite	1		50%	6 Other
i .		Homogeneous		;		:			
1						<u>İ</u>			

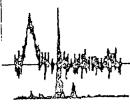
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAF 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLN be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items test may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product end: NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP 1000 thust contain at least one signal. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

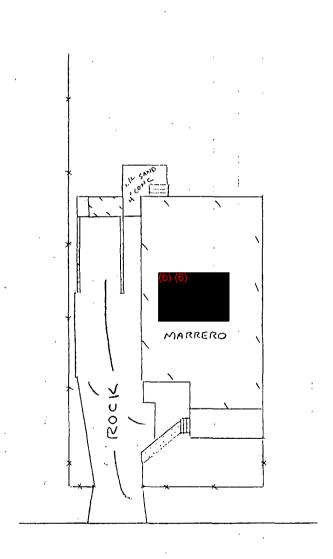
07-1711-570





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Ву_ <i>РМ</i> _	Date <i>2-5-98</i>	_Subject_ <i>RESTORA FION</i>	SIFE #	1711	Sheet No	of
Chkd. By	Date				Proj. No	



07-1711-590

WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

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SITE#	1711
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	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
•					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					101.00		<u> </u>
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					5.50		
Sand Installation (sq.yds.)							
Lower Lift Sand					5.52		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					24.99		
Sand (cu.yds.)							
Concrete (cu.yds.)					0.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				· · · · · · · · · · · · · · · · · · ·			
EXTRA				,			
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
			<u>,</u>	***************************************	Λ7 1	711 500	
IT REPRESENTATIVE SIGNATU	RE				U /- J	711-590	

012022

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8.25-98 SITE #: 1711	ADDRESS:	,
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	<u>Ø 12</u> ¹	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	4004	
SKETCH OR COMMENTS:	/	
	No Uit	
9.25.23		
Dan Jucanas		
TEAM MEN	MBERS: ASB PU :	711-540

012023

1712 1902 Tracking Number <u>1712</u>

FIELD DATA SHEET 1

Site Information:

Occupa	Interviewee:
Address	Westwego LA
Phone No	
Owner No. 6 Address and Phone No. if Different Tha	an Occupant:
Site Description:	
Description of property (circle): single home; ovacant house; vacant lot; other	dupley, business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other Note location on site sketch.	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
(b) (6) (b) (6)	(b) (6)
Estimated Volume of ACM:	
Comments: Dopped access f	Corm off at business
Date/Time of Interview: 2/7/98 10	Access Granted (circle) yes; no
Team Members: 6D	09-1712-510

Tracking #: 4772

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name		+ wife
Property Address:		West was
State/Zip: LA 20094	Phone Number(s ^(b) (6)	Bus-
	•	home

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE SIGNATURE 09-1712-520

TRACKING # 1712

SITE SKETCH ADDRESS:

UPDATED: __/_ / Shed (3) Concrete -gravel > 3 (3) Concret 45 3 (3) 3 NOTES: THICKNESS COVER +6"aravel 2"gravel +6"501+50il N (NTS) +I"ACM RESTORATION: A: limestone 09-1712-530 ARRIVAL: 1015 OLW 2/25/98 RESTORATION APPROVED BY: DEPARTURE: 1044 by phone DATE: 31/9198

TO IT 3/19/98 JUN DATE: 02 125 198 012026

AA TO TRAILIY WOMEN TOWN A WIT LICOPPOT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

· · · · · ·			. ;			Vestwego.	LA	
SITE#	1712	5.Ž		:	ADDRESS: 6) (6)		
	<u>''</u>			. :		¥.		
FYI:	i· i			•				

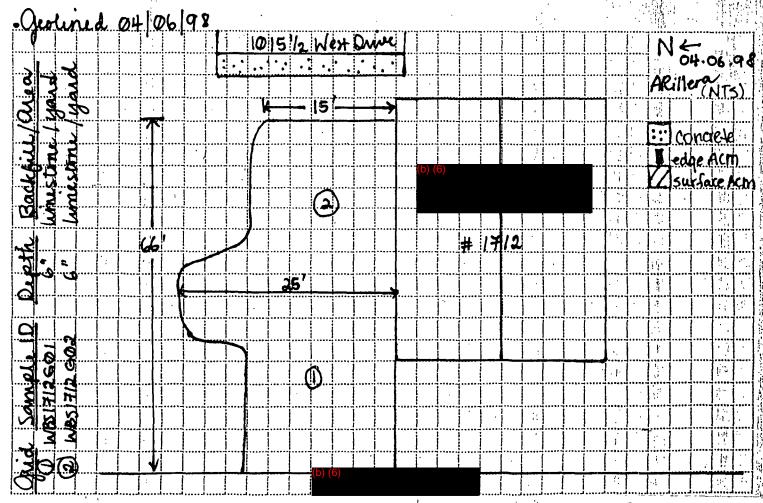
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical results received as of 04/06/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

GRUD#:

A. PROCEED WITH RESTORATION: B. FURTHER ACTION NECESSARY:



01202 / AUTHORIZED EPA/START REPRESENTATIVE <u>Alma Rillera</u>

09-1712-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environment 11550 New Castle Avenue

Suite 250

04/08/1998 13:48

Baton Rouge, LA 70816

Wednesday, April 08, 1998

Ref Number: IN98991

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

EMSL

Project: 020801RAG1 WESTBANK ASBESTOS

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASSESTOS</u> % TYPE	*	NONASBE FIBROUS	 NONFIBROL
WBS289G04	(b) (6)	Brown Non-Pibrous Homogeneous	Crushed	< 1% Chrynotile	1		Quartz Other
WBS1698G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			Quartz Other
WBS1898G02		Brown Non-Fibrous Homogeneous	Crushed	3% Chrysotile 1% Crocidolite	:		Quartz Other
WB\$1712G01		Brown Non-Fibrous Hornogeneous	Crushed	< 1% Chrysotile < 1% Crockfolite			Quertz Other
WB\$1712G02		Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysotile			Quartz Other
WBS983G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile 2% Crocidolite	·		Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Analyst

Approved Signatory

Disolatimens: Pt.M has been known to miss selection in a small percentage of samples which contain subjector. Thus negative be guaranteed. Froor ties and wipes should be tested with either SEM or TEM. The above test report relation only to the itum may only he reproduced in full with written approval by EMSL. The above test must not be used by the dilent to claim produce for the United Steeler of the SEM and ThyLAP reports with NYLAP logs must contain at toggt one of Laboratory is not reaponable for the accuracy of results when requested to physically separate and analyze leyered semples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200186-0).

09-1712-570

^{*} NY samples also analyzed by ELAP 198-1 Method



By_ <i>PM</i>	Date 4-7-98 _	_Subject_ <i>I</i> 2	restoration	SITE #	1712	Sheet No	of
Chkd. By	Date					Proj. No	·

(b) (6)

WESTWEED

SIDEMALK

09-1712-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTOR	RATION	FORM
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SITE# 1712

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
9	:				QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					109.50		
Sod Installation (sq.yds.)			· · · · · · · · · · · · · · · · · · ·				-
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	:						
Sand Installation (sq.yds.)							-
Lower Lift Sand							
Rock, Brown (cu.yds.)		٠					
Rock, Gray (cu.yds.)					24.00		-
Sand (cu.yds.)							
Concrete (cu.yds.)							-
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						<u> </u>	
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of F	Page			
COMMENTS:							
IT DEDDECENTATIVE CLONATU	DC				09-17	12-590	
IT REPRESENTATIVE SIGNATURE	T.C.			·			_
SUB 1 SIGNATURE		,	1 0 0 0	^			

012030

1

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE #: 17/2		ADDRESS: Wastwego
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	- Aller - Alle	Manage Control of the
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
SKETCH OR COMMENTS:		0
		Soix
TEAM ME	MDEDS. RL	09-1712-540

012031

FIELD DATA SHEET 1

Site Information:					
Occupant: TRI - MEX BUSINESS Interviewee:					
Address: 1814 MONROE ST. GRETNA					
Phone No.: 362 - 6888					
Owner Name, Address, and Phone No. if Different Than Occupant: BELLA & SAUL TORRES SAME OWNER AS 5 TE # 1747					
Site Description:					
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other					
2) Problems accessing yards (circle): locked gate; gate; dogs; other 3051NES5 resolution:					
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other LARGE COAS LIME IN ALLEY. Note location on site sketch.					
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?					
Site Sketch: Sacm					
TERANKOE MENROE ST. TORY FATORY					
50LON 87					
Estimated Volume of ACM:					
Comments: SCATTERED ACM PIECES IN THE ALLEY. SAME OWNER AS SITE#1747					
Date/Time of Interview: 12/10/97 0930 Access Granted (circle): (yes) no					
Team Members: MD PM					
012032 SEE SHE#1747					

Tracking #: 17-13

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	SAUL & BELLA TORRES
	14 MONROE ST. GRETNA
State/Zip: LA	Phone Number(s) 362 - 6888
-	• •

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

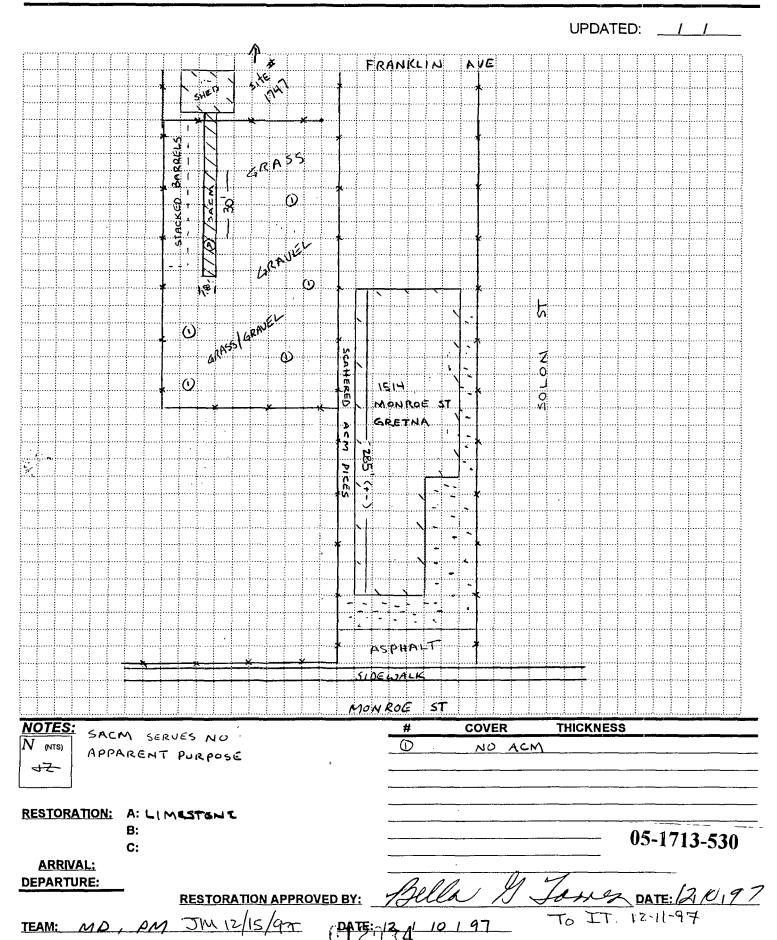
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE

05-1713-520

TEAM: MD, PM JM 12/15/97



WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE $0120\overline{35}$

05-1713-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Wednesday, February 04, 1998

Ref Number: IN98310

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBES %	STOS TYPE	%	NONASBESTOS FIBROUS %	NONFIBRO
WBS1747-G01	'(b) (6)	Brown Non-Fibrous Homogeneous	Cณshed	< 1% Chry	rsotile			6 Quartz 6 Other
WBS1747-G02		Brown Non-Fibrous Homogeneous	Crushed	None	e Detected			6 Quartz 6 Other
WBS1713-G01	.1713:1514 Monroe St.,GR	Brown Non-Fibrous Homogeneous	Crushed	1% Chry 1% Croc		l ; · ·		6 Quartz 6 Other
WBS1542-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chry < 1% Groo				% Quartz % Other
WBS1668-G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chry	vsotile			6 Quartz 6 Other
WBS1668-G02	· · · · · · · · · · · · · · · · · · ·	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chry	/sotile			6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips Anglyst

Approved Signatory

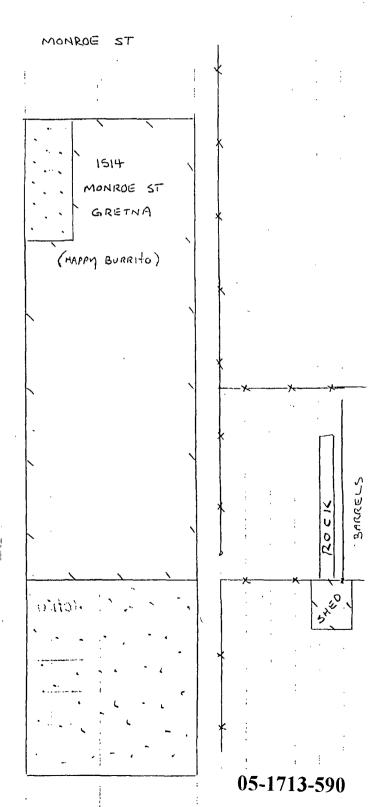
05-1713-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tasted with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim productively nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature of the accuracy of results when requested to physically separate and analyse hayered samples Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0).



 By PM Date 2-2-98 Subject Restoration site # 1713
 Sheet No. ____of ____

 Chkd. By ____ Date ______
 Proj. No. _____



012037

FRANKLIN AVE

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

SITE# <u>1713</u>

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					9.59		
Sod Installation (sq.yds.)	-						
6" Concrete Installation (sq. yds.)					· 		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)	,						
Rock, Gray (cu.yds.)					3.∞		-
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)			-				
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			······································				
	Site Ske	tch on B	ack of P	'age			
COMMENTS:					,		
						·	
***************************************					05-17	13-590	
IT REPRESENTATIVE SIGNATUR	RE						
SUB 1 SIGNATURE				1	•	-	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/8/98 SITE #: 12/3		ADDRESS:	1514 Mom 2 Sty GA
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	NA	===	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
Amaron		coercia	
•		/ .	05-1713-540

012038

TEAM MEMBERS:

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/5/98 SITE #: 17/5	ADDRESS: Marrero
ACM LOCATED BENEATH: HOU	
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM: CHU	/DER
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	arantint
Row	
TEAM MEMBERS: K	5/15

FIELD DATA SHEET 1

(b) (6)	
Address: U	restweep
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Oc. (b) (6)	(b) (6)
ite Description:	
1) Description of property (circle): Single home; duple: vacant house; vacant lot; other	x; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	does: other
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; If yes, note on site sketch. How deep?	don't know
Concrete House.	
Estimated Volume of ACM:	
Comments: ACM in servitude au	round placets.
Date/Time of Interview: 11/17/97 1400	Access Granted (circle): / yes; / no
· · · ·	

9B TV:\13

Tracking #:	1714
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CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (d)		
Property Owner's	Name:		
Property Address		Wastwago	
State/Zip: ZA	70094	Phone Number(s) (b) (6)	
•	,	· , ,	

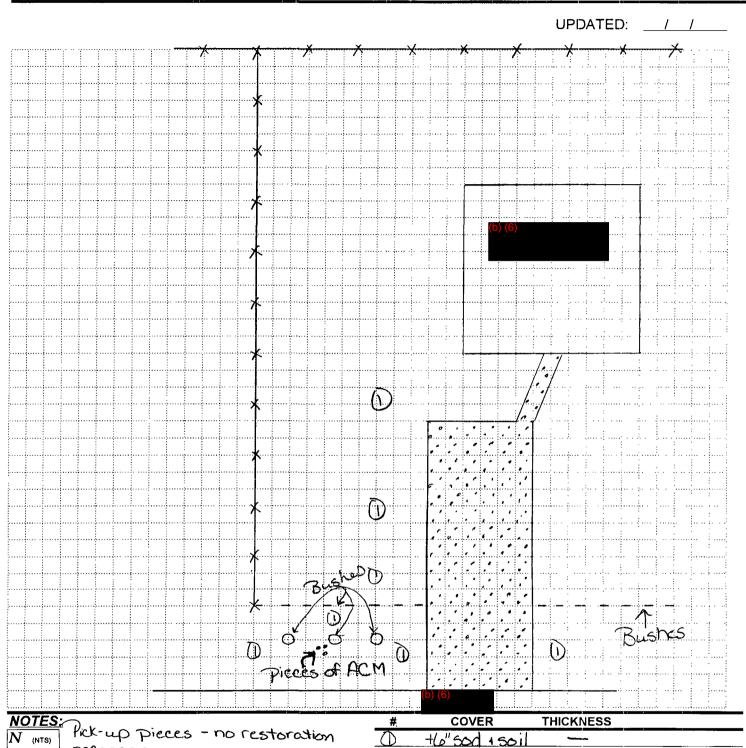
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

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 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE SCONATURE



RESTORATION:

B:

ARRIVAL: 1055 DEPARTURE: 1/20

DEW 3/4/19

RESTORATION APPROVED BY: N/A NO EXCAVATION OR RESTORATION DATE: 31 (0798)

09-1714-530

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

·.		• ;			Westwego	La	11/2019
SITE#	17/4		:	ADDRESS:	(b) (6)		
FYI:			:				

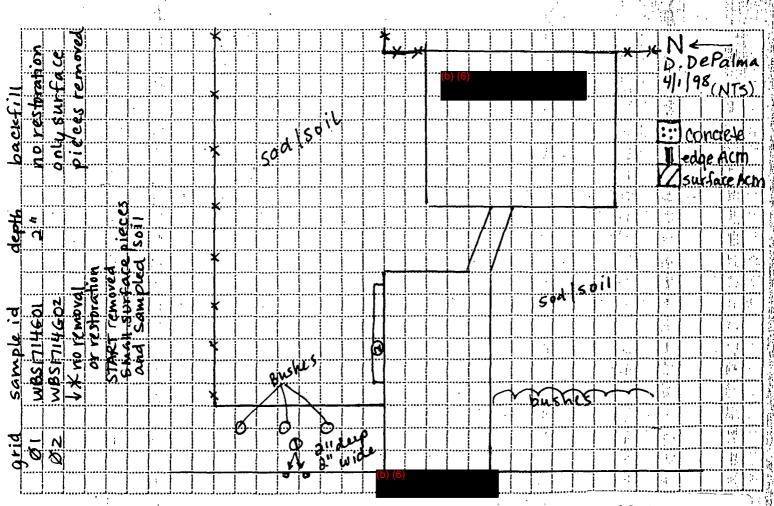
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON April 3,1998 Mague on

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7. 8

A. PROCEED WITH RESTORATION: V

B. FURTHER ACTION NECESSARY:



09-1714-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma

Ecology & Environment

11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

(317) 570-5894

Friday, April 03, 1998

Ref Number: IN98924

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>asbestos</u> % type	%	<u>NONASBES</u> FIBROUS	 NONFIBROUS
WBS1903G01	(b) (6)	Brown Non-Fibrous Homogeneous	¹ Crushed	< 1% Chrysotlle < 1% Crocidolite			Quartz Other
WBS1866G01		Brown Non-Fibrous Hornogeneous	Crushed	2% Chrysotile			Quartz Other
WB\$1891G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected .			Quartz Other
WB\$1714G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		g.m.	Quartz Other
WB51714G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	:		Quartz Other
WBS1941G01	Unknown - Not of Chain of Custody	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

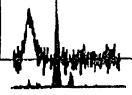
Jane Wasilewski Analyst

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed, Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produc NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sit Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered eamples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk \$200188-0).

09-1714-570

Approved

Signatory



WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

REST	ORATION FORM
SITE#	1714

	DATE	DATE	DATE	DATE	page aga mana		
	·				EST. QTY.	ACTUAL QTY.	ACT.
ck Installation (sq.yds.)							: .
d Installation (sq.yds.)			· ·		ı		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)				·			
nd Installation (sq.yds.)							
wer Lift Sand							
ck, Brown (cu.yds.)							
ck, Gray (cu.yds.)	•						
nd (cu.yds.)							
ncrete (cu.yds.)				,			
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)						,	
psoil (cu.yds.)							
(TRA							

COMMENTS: NO RESTORATION	REQUIRED	
IT REPRESENTATIVE SIGNATURE	;	09-1714-590
SUB 1 SIGNATURE		·
SUB 2 SIGNATURE	012045	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9 15 98 SITE #: 7 4		ADDRESS:_ - -	(b) (6) Westwego	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		==		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		z		
SKETCH OR COMMENTS:				
			, ,	
				<u>r</u>
\mathcal{M} ,				
W'				
17 t				
NO ACM				
<u> </u>				
ТЕАМ МЕМВ	ers: KJ HS	5	09-1714	1-540

	1715
Tracking Number	(/ , 0

FIELD DATA SHEET 1
Site Information:
Site Information: Fire prairie 5
Occupant: Interviewee:
Address: (b) (6)
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6)
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house: vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: (b) (6) Acmpreces To to to O to to
(b) (6)
Estimated Volume of ACM:
Comments: Vacant Lot, SACM to left of moved
Date/Time of Interview: Access Granted (circle)://yes; no
Team Members: 07-1715-510 —

Tracking #:	1715
Hacking IT.	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	5)
Property Address:	
State/Zip: MArrero	Phone Number(s) (b) (6)
-	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

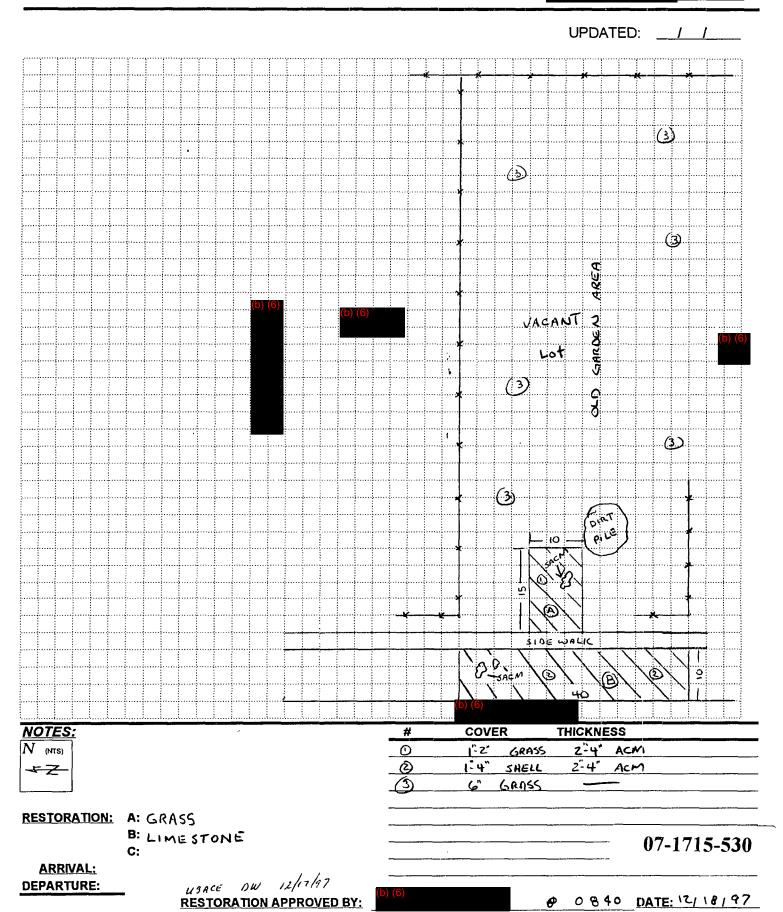
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/12/97 DATE (b) (6)
SIGNATURE
07-1715-520

TRACKING# 1715

SITE SKETCH ADDRESS: (0) (6)

MARRERO



MD, PM TEAM:

DEPARTURE:

(DATE) 14916 197 8 TO IT 12/18/97

₱ 0840 DATE: 12/18/97

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	1115	ADDRESS: (b) (6)	
•		Marrero, La	

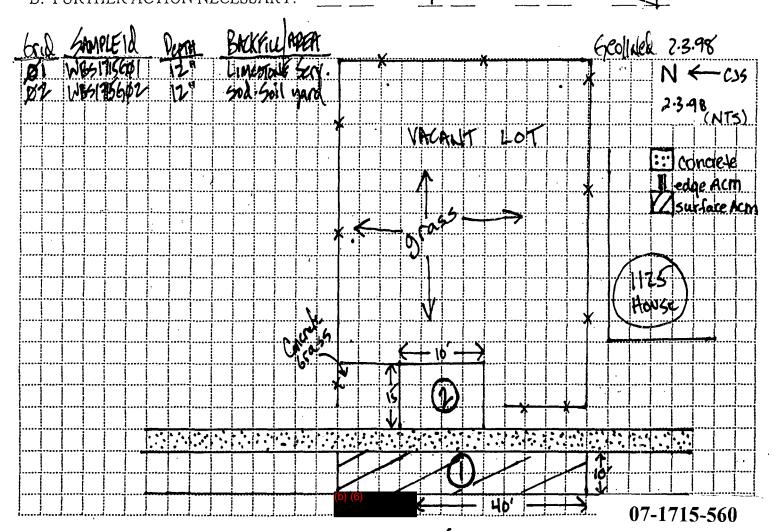
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2.3.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVES COM SUMME

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

3175705894

Thursday, February 05, 1998

Ref Number: IN98330

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBES	<u>tos</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS0125-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	Nor	ne Detected	· ·			Quartz Other
WBS0125-G02		Brown Non-Fibrous Homogeneous	Dissolved	< 1% Cro	cidolite				Quartz Other
WBS0125-G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile	.4			Quartz Other
WBS1670-G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro	•				o Quartz 6 Other
WB\$1715-G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	rysotile	:			6 Quartz 6 Other
WBS1715-G02		Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

South Phulps Nargaret Phillips Analyst

Approved Signatory

07-1715-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above lost report relates only to the items may only be reproduced in full with written approval by FMSI. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign. Laboratory is not responsible for the accuracy of results when requested to above the security of results when requested to above the security of results when requested to above the security of the united States.



`	
nf.	

Ву <u>рм</u>	_Date_ 2-4-98	_Subject_	RESTORATION	site #	17/5	Sheet No	of
Chkd By	Date					Proj. No.	

MARRERO

MARRERO

SIDEWALK

ROCK

07-1715-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RES1	OR	ATIC	N	FO	RIV
------	----	------	---	----	-----

SITE# 1715

IT REPRESENTATIVE SIGNATU	RE				07-17	15-590	
COMMENTS:							
	Site Ske	tch on B	ack of P	'age			
EXTRA						ı	
Topsoil (cu.yds.)						<u> </u>	
Walkway Rock Inst. (sq.yds.)							-
Plastic Edging (ft.)							
Concrete (cu.yds.)							
Sand (cu.yds.)					5.**		
Rock, Gray (cu.yds.)					18.∞		
Rock, Brown (cu.yds.)							
Lower Lift Sand							
Sand Installation (sq.yds.)			·		16.50		
4" Concrete Installation (sq. yds.)							-
6" Concrete Installation (sq. yds.)							<u> </u>
Sod Installation (sq.yds.)	٠.				16.50		-
Rock Installation (sq.yds.)					43.≌		
•	<u> </u>				EST. QTY.	ACTUAL QTY.	ACT.
·	DATE	DATE	DATE	DATE			. :_

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9-24-98</u> SITE #: <u>1775</u>	ADDRESS: MARRIERO
	DUSE HED
APPR. CRAWL SPACE HEIGHT:	
PC	HUNKS DWDER AB
PERCENT OF AREA (ACM)	-
SKETCH OR COMMENTS:	
ACM	HOUSE ON SLAB
NO =	
TEAM MEMBERS:	T.Y. + 17. T. 07-1715-540

т	racking	Number	
1	Lacking	Runnoci	·

FIELD DATA SHEET 1

Site Information:
Occupant: Outher's Interviewee:
Address: (b) (6)
Phone No.: (b) (6) (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant: Owner's daughter in law
3 When I
(in a nursing home)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: House Yourse
Estimated Volume of ACM:
Comments: SACM between chain wall and side walk
Date/Time of Interview: 11/7/97 1630. Access Granted (circle) yes: no
Team Members: 60 (5) 06-1716-510

Tracking #: 17/6

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name (6)		
Property Address: State/Zip: ++0000+7, Fa	Phone Number(s) (b) (6)	Home
Sec. 2. p	1 0 . 1 (0 . 1 (0)	WK.

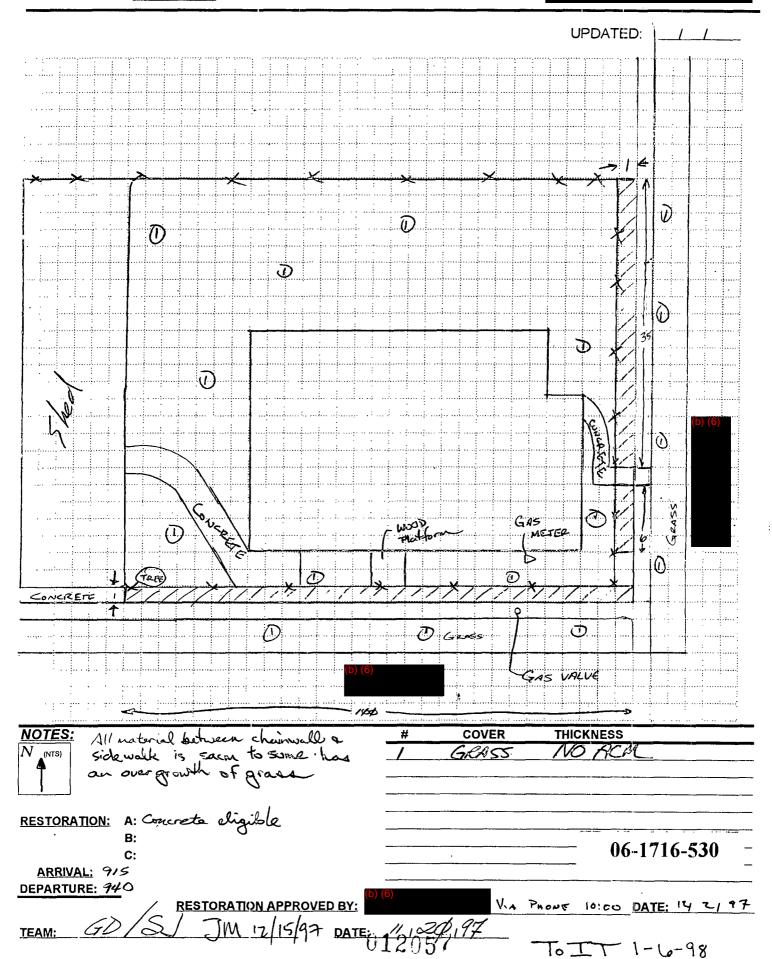
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/20/97 DATE - SÍGNÁTUŘE

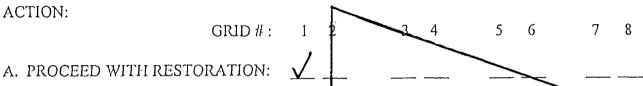


WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

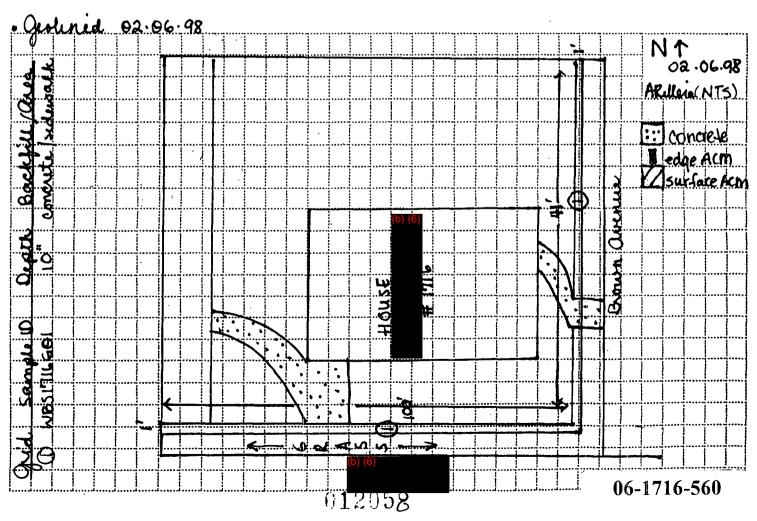
FYI:		
SITE#	ADDRESS: (b) (6)	
	maries LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No analytical results received as of 02.01.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING



B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE <u>Alma Rillera</u>

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera , Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

3175705894

Tuesday, February 10, 1998

Ref Number: IN98382

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

•			SAMPLE	<u>ASB</u>	<u>ESTOS</u>		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROU
WBS1624-G01	(b) (6)	Вгоwп	Crushed	< 1% Cr	rysotile	· · · · · · · · · · · · · · · · · · ·		80%	6 Quartz
į		Non-Fibrous		1		: :		20%	6 Other
i		Homogeneous		İ					•
 				!		:			,
WBS1752-G03		Brown	Crushed	< 1% Cr	ocidollte			80%	6 Quartz
		Non-Fibrous					+\$		6 Other
ŀ		Homogeneous		į		:			
1				1					•
WBS1718-G01		Brown	Crushed	< 1% CI	ırvsotile	:		80%	6 Quartz
		Non-Fibrous			ocidolite	ļ			6 Other
		Homogeneous							
			. i			. [
WBS1707-G01		Brown	Crushed	: No	one Detected		,	80%	√ Quartz
		Non-Fibrous						20%	6 Other
*		Homogeneous		!		i			
i		• • •	. أــ	i		. L			
WBS1707-G02		Brown	Crushed	< 1% Ch	rysotile	I		80%	6 Quartz
		Non-Fibrous		< 1% Cr	ocidolit e	•		20%	6 Other
ļ !		Homogeneous							
i.			•	:		•			
WBS1707-G03		Brown	Crushed	. 2% Ct	rysotile			- 789	6 Quartz
1	ţ,	Non-Fibrous	:	< 1% Cr	ocidolite			209	% Other
	1 .	Homogeneous		:		1			
l Li	1 .					İ			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret & Ailly Margaret Phillips
Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor ties, and wipps should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the citient to claim product NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature of the product of the above test must not responsible for the above results when requested to physically separate and analyze leyered semples.

06-1716-570

W. Walnut

EMS L Analytical, Inc.

6330 East 75th Street, Sulte 152
*Indianapolls, In. 462*0
*Phone (317) 570-...2 F4. (217) 570-5894



Attn.: Gregory R Day

Ecology & Environment

11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98383

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: 020601RAG1

Sample	Location	Sample Date	Volume (liters)	Flbers	Fields	L.O.D. fib/cc	flbers/ mm²	fibers/cc
WBA1707-HF1	(b) (6)	2/6/98	4387.35	2.0	100	0.0006	2.55	<lod< td=""></lod<>
WBA1707-HF7		2/6/98	4277.99	3.0	100	0.0006	3.82	<lod< td=""></lod<>
WBA1707-HF-8		2/6/98	4332.42	5.0	100	0.0003	6.37	<lod< td=""></lod<>
WBA1707-HF12		2/6/98	4334.89	1.0	100		1.27	<lod< td=""></lod<>
WBA1716-HF3		2/6/98	2835.00	4.0	100	0.0009	5.1	<lod< td=""></lod<>
WBA1716-HF9		2/6/98	2821.57	0.0	100	0.0010	0	<lod< td=""></lod<>

BLANK ID: WBABL

Jane Wasilewski

Analyst

Approved Signatory

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² s which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

06-1716-572

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
**Idianapolis, In 46250
Phone (317) 576-592 Fax (317) 570-5894



Attn.: Gregory R Day
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98383

PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: 020601RAG1

Sample	Location	Sample Date	Volume (liters)	Fibers	Fleids	L.O.D. flb/cc	flbers/ mm'	fibers/cc
WBA-1745-HF2	(b) (6)	2/6/98	3062.80	2.0	100	0.0009	2.55	<lod< td=""></lod<>
WBA1745-HF5		2/6/98	3129.33	2.0	100	0.0009	2.55	<lod< td=""></lod<>
WBA1745-HF11		2/6/98	3155.25	1.0	100	0.0009	1.27	<lod< td=""></lod<>
WBABL	BLANK	2/6/98	0.00	0.0	100		0	1.
WBA1716-HF10	(b) (6)	2/6/98	2766,90	0.0	100	0.0010	0	<lod< td=""></lod<>

BLANK ID: WBABL

Jane Wasilewski

Analyst

Approved Signatory

A HI KANINAN

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² which is dependent on volume collected by non-taburatory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

06-1716-572

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152
Indianapolis, -idiana 46250
Phone (317) 570-5892 raw, (317) 570-5894



Attn.: Gregory R Day **Ecology & Environment**11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Friday, February 13, 1998

Ref Number: IN98384

RECO FEB 1 8 1998

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)
Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	# STRUC < 5μ ≥ 5μ	CTURES NONASB	AREA ANALYZED (mm²)		RATION OF TRUCTURES AS/cc	ANALYTICAL SENSITIVITY (AS/cc)
WBA1707-HF8	4332.42	Chrysotile	2	0	0.0484	41.3223	0.0037	0.0018
WBA1716-HF9	2821.57	None Detected		0	0.0484	<20.6612	<0.0028	0.0028
i i i				. ,.				
WBA1745-HF11	3155.25	None Detected		0	0.0464	<20.6612	<0.0025	0.0025
	<u> </u>	1		,	L	i.		r .

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Richard K. Harding

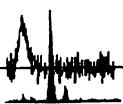
Analyst

Approved Signatory

06-1716-573

Disolsimers: The laboratory is only responsible for fibers counted in fibers/mm³ and not in fibers/cc, which is dependent on volume non-laboratory personnel.

Accredited for PLM/TEM NVLAP #200188-0





NOTE :

CONCRETE

Ву <i>ФМ</i>	Date 2-9-98	_Subject_	RESTORATION	site #	1716	Sheet No	_of
Chkd. By	Date				* 1	Proj. No.	··

LIL SAND

HARJEY

06-1716-590

WESTBANKIASBESTOS ABATEMENT

SUB 2 SIGNATURE

SITE# 1716

	ĎATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
1 					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					1. 50		
Sod Installation (sq.yds.)						,	,
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					17.52		
Sand Installation (sq.yds.)							
Lower Lift Sand					17.52		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					0.20		
Sand (cu.yds.)					1.50		
Concrete (cu.yds.)					Z.0 <u>0</u>		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA						·	
	Site Ske	tch on B	ack of P	'age	!		
COMMENTS:							1
IT REPRESENTATIVE SIGNATU	RE				06- 1	716-590	
SUB 1 SIGNATURE							

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE:	8-18-98			ADDRESS:	(b) (6)	Pole
SITE#:	1716	 -			Harvey	400
						,
ACM LOCA	TED BENEATH:		HOUSE SHED			
APPR. CRA	WL SPACE HEIGHT:		Multi	-		
DESCRIPTI	ON OF ACM:		CHUNKS POWDER SLAB			
PERCENT	OF AREA (ACM)		<u> </u>	:		
SKETCH OF	R COMMENTS:					
			/ 			
						
	,					
	, m					
	b.					
	No					
)(171(740
		TEAM MEMBERS:	KJ /JS			06-1716-540

Tracking Number	1717
-----------------	------

FIELD DATA SHEET 1

Site Information:	,			·
Occupant:			Interviewee:	
Address:		,	GRETNA	
Phone No.:	(b) (6)			
Owner Name, Addres	ss, and Phone No. if Different	Than Occupant:		
Site Description:				
Description of prop vacant house; vac	perty (circle): single home;	duplex; busi	iness; school; daycare; church;	
2) Problems accessing resolution:	g yards (circle): locked gate	gate; dogs;	other NOV &	
Underground utility septic tank; other Note location on si	ies installed by owner? (circle er te sketch.): no; water;	gas; electric; cable TV;	
	I ACM present? (circle): ye: sketch. Flow deep?		now	
Site Sketch:			(b) (6)	
	Hon	uSI		
	(b) (6)		SACIO!	
Estimated Volume of	ACM:			· ·
Comments:	SACN	1 0nu	ewy	
Date/Time of Interview	v: 1453 12-1	-97 1	Access Granted (circle): (yes; no	
Team Members:	ALJW		05-1717-5	510

Tracking #: 1717

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Na Property Address:		
Property Address	-	
State/Zip:	Phone Number(s)_	
•	, , , , , , , , , , , , , , , , ,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

05-1717-520

12. 11- 91 DATE (b) (6) . SIGNATUŘÉ

UPDATED: HOUSE Ø (2) GRETMA **(1)** SIDE (D) (3) GARDEN **(2)** Ø (2) GRAS5 80 (2) SIDE WALK NOTES: COVER THICKNESS N (NTS) 1-4" 2"-6" ACM 0 ➂ 6" GRASS RESTORATION: A: GRASS B: LIME STONE 05-1717-530 **ARRIVAL:** USACE DA 12/15/97 **DEPARTURE:** DATE: 1,13,98 RESTORATION APPROVED BY: DATE: 12 / 15 / 97 TO IT 1-13-98 TEAM: MD, PM

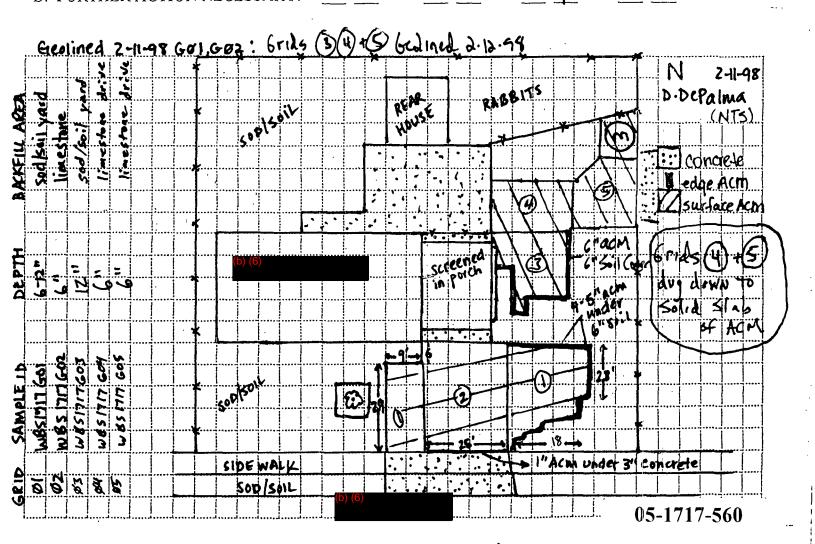
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:



AUTHORIZED EPASTART REPRESENTATIVE Sods & Shies f

и2/13/1998 14:52 3175785894

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma **Ecology & Environment** 11550 New Castle Avenue

Friday, February 13, 1998

Suite 250

Ref Number: IN98411

Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBE %	STOS TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> %	NONFIBROUS
WB\$1492-G06 (b)	(6)	Brown Non-Fibrous Homogeneous	Crushed	ii Noi	ne Detected				Quartz Other
WB\$1717-G01		Brown Non-Fibrous Homogeneous	Crushed	No.	ne Detect/ed	· . <u>i</u> .			Quartz Other
		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro			·		Quartz Other

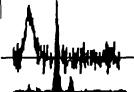
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

05-1717-570



Disclatmers: PLM has been known to miss asbostos in a small percentage of samples which contain asbostos. Thus negative be guaranteed. Floor tilles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSt. The above test must not be used by the client to claim produce NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logs must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze (ayered samples, Analysis nodormad by EMSt, of Indianapolis (NVLAP Air and Bulk 2700188.0).

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Monday, February 16, 1998

Ref Number: IN98422

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBES</u>	stos	NONASBESTOS			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS496G01	0) (6)	Brown	Crushed	1% Chry	/sotile	·		78%	Quartz
		Non-Fibrous		1% Croc	etilobk	ł			Other
		· Homogeneous							
WB\$496G02		• • • • • • • • •					*	_ 1	
VVB5496GU2		Brown	Crushed	< 1% Croc	cidolit e	ļ			Quartz
		Non-Fibrous Homogeneous	į			•		20%	Other
		•		·					
WBS1717G03		Brown	:Crushed	< 1% Chry	sotile	1		80%	Quartz
		· Non-Fibrous		< 1% Croc	cidolit e	:		20%	Other
		Homogeneous	; :						
				.L		i			
WB\$1717G04		Brown	Crushed	2% Chry	elitoa/	!			Quartz
		Non-Fibrous		1% Croc	cidolite	1		20%	Other
		Homogeneous		!		•			
				i					
WBS1717G05		Brown	Crushed	20% Chry	/sotile			40%	Quartz
		Non-Fibrous		20% Croc	cidolite			20%	Other
		: Homogeneous		!					
				j	.		••		٠
WBS1695G04		Brown	Crushed	2% Chry	rsotile	i	•• ••••	77%	Quartz
1		Non-Fibrous		- 1% Croc	idolite			20%	Other
		[!] Homogeneous		;					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

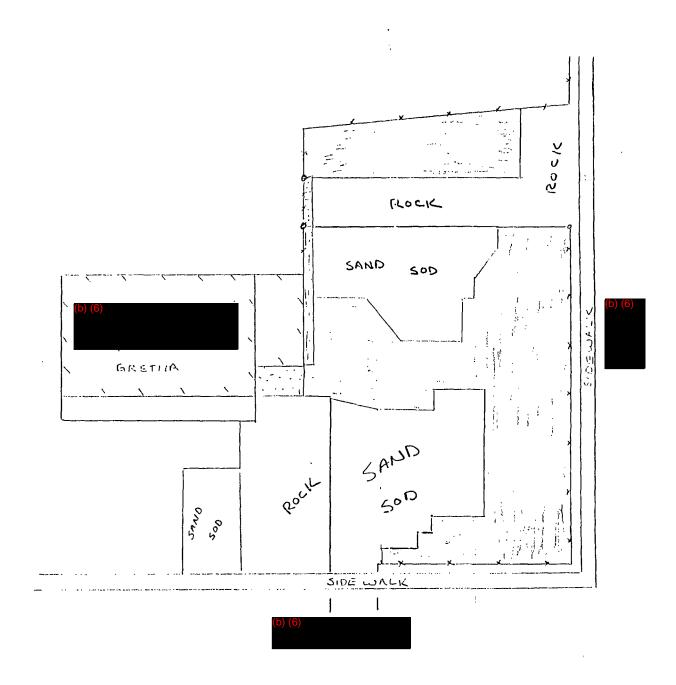
05-1717-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain imbestos. Thus negative guaranteed. Floor tibes and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NYLAP into any agency of the United States Government. All "NYLAP" reports with NYLAP logo must contain at least one at Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolic (NYLAP Air and Bulk #200188-0).



By PM Date 2-13-98 Subject Restoration Site # 1717 Sheet No. of ______
Chkd. By ___ Date _____ Proj. No. _____



05-1717-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTOR	ATIO	N F	=O.	RN	1
--------	------	-----	-----	----	---

SITE # 1717

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					171. ⁵²		
Sod Installation (sq.yds.)					ZO1. ⁵⁰		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					201. ⁵⁹		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					45.**		
Sand (cu.yds.)					72.99		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	'age			
COMMENTS:							
	·			······································			
						5-1717-590	
IT REPRESENTATIVE SIGNATUR	RE					-1/1/-5/0	

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE#: 17-17		(b) (6) ADDRESS: (rec/ha /
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		<u>-</u>
SKETCH OR COMMENTS:		
No Acm		
TEAM MEN	ABERS: MT	PLL 05-1717-540

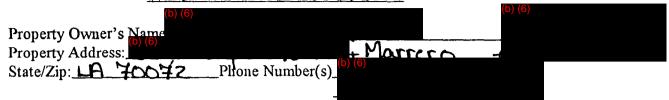
012074

Tracking Number	_1718

FIELD-DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address:	MARRERO
Phone No.: (b) (6)	Called person said wrong #
Owner Name Address and Phone No. if I	Different Than Occupant:
Site Description:	
Description of property (circle): sing vacant house; vacant lot; other	ele home; duplex; business; school; daycare; church;
2) Problems accessing yards (circle): loc resolution:	
3) Underground utilities installed by owner septic tank; other Note location on site sketch.	r? (circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle If yes, note on site sketch. How deep?	
Site Sketch:	Spern a function with the property and by prop
Estimated Volume of ACM:	
Comments: FOR FROM EIA 3.	MANTINI FE 18/17
Date/Time of Interview: 13 11 67	Access Granted (circle); yes; no
Team Members: ()5\DM	07-1718-510
. /	012075

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE



I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

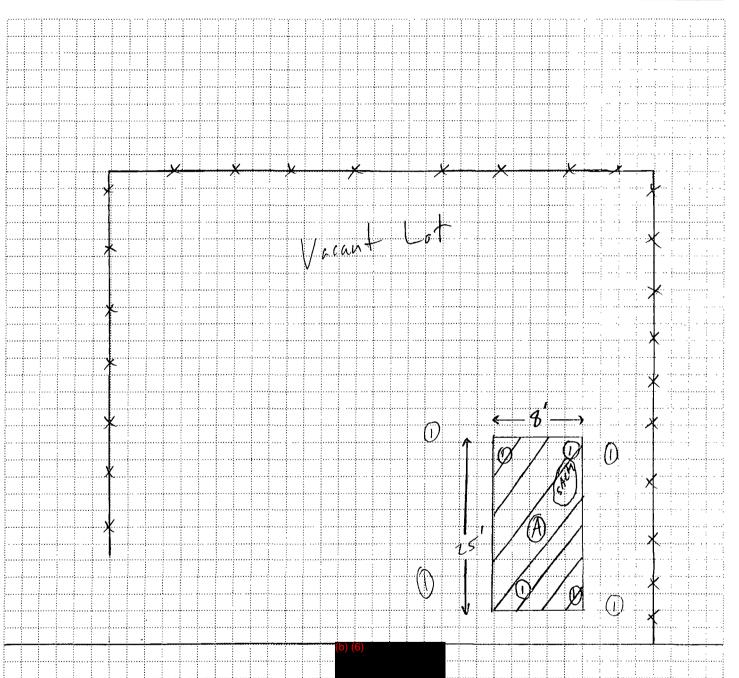
(b) (6)

1-18-98 DATE

90 // SIGNATURI

07-1718-520

UPDATED: 1,28 98



NOTES:	#	COVER	THICKNESS	
N (NTS)	<u> </u>	2° Sod/Soil		
6				
RESTORATION: A: Sod /Soi				
В:				7-1718-530
C:			U	77-1710-550
ARRIVAL: 1340				
DEPARTURE: 1400	(b) (6)		~	
RESTORATION APPROVED BY:		Vu	1 PHONE	DATE: 217198
TEAM: 5.5. // L. JM 1/29/98 DATE:	1,28	198 -		(.0.00
1271111		<u> </u>	10 IT Z	(18/98 JRD
· · · · · · · · · · · · · · · · · · ·	20 77 -			NA CASA

012077

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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	SED O	ΝΛΝ	IEVAL	OITAU	N OF THE	ANALYT	ICAL DAT	A, WE	RECOMM	END TI	IE FÖLL	OWING
		,			GRID#:	1 2	3	1	5 6	7	8 ¹	
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B. I	URTI	HERA	ACTIO	N NECE	SSARY:		· ——— –			_		;·
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j	JJ _. .	.11	.12.1	JJJ.				.1/	<u> </u>	jl	07-171	8-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Wednesday, March 18, 1998

Ref Number: IN98747

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE	LOCATION	<i>APPEARANCE</i>	SAMPLE TREATMENT	<u>ASSESTOS</u> % TYPE	*	NONABBESTY FIBROUS S	23 6 NONFIBROL
WB\$1783G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			70% Quartz 10% Other
WB81732G01		Brown Non-Fibrous Hornogenaous	Crushed	< 1% Chrysotile < 1% Crocidolite			0% Quartz 0% Other
WB81825G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	i 		10% Quartz 10% Other
WB81783G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			90% Quartz 90% Other
WBS1783G03		Brown Non-Fibrous i Homogeneous	Crushed	None Detected			0% Quertz 10% Other
WBS1718G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile			90% Quartz B% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

*NY samples also enalyzed by ELAP 198-1 Method

Jane Wasllewski Analyst Approved Signatory

Discrizimens: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product MVLAP nor any aponcy of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sig Laboratory is not responsible for the accuracy of results when requested to physicisty separate and enalyze layered samples Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1718-570

EMSL Analytical, Inc.

6330 East 75th Street, Sutte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250

Wednesday, March 18, 1998

Sulte 250 Baton Rouge, LA 70816

Ref Number: IN98747

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

			Sample	ASRESTOS			NONASRESTOS		
Sample	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NONFIBRO	X
WB91718G02	(6)	Brown Non-Fibrous	Crushed	< 1% Ch	rysatile .	 		60% Quartz 40% Other	
		Homogeneous			بولون المخب	<u>.</u>			ĺ
WB81718G03		Brown	Crushed	< 1% Chi	rysotilė	ļ		60% Quartz	
		Non-Fibrous Homogeneous		< 1% Cre	cidolite			40% Other	

Comments: For all obviously heterogeneous samples easily separated into aubsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

07-1718-570

Disotelmens: PLM has been known to miss asbestos in a small percentage of samples which contain exhestos. Thus negative guaranteed Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by SMSL. The above test must not be used by the client to delin produce NVLAP nor any apency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one six Laboratory is not responsible for the cooursey of results when requested to physically separate and analyze layered samples. Analysis performed by EMRI, of Indianapolia (NVLAP Air and Bulk #200188-0).





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)

By_PM	Date 3-16-98	_Subject.	RESTORATION SITE #	_1718	Sheet No	of
Chkd By	Data				Proj. No.	• .

SAND SAND ONLY.

07-1718-590

WESTBANK ASBESTOS ABATEMENT

	R	ES	T	\cap	R	۸	T	10	М	F	\cap	D	N/
į	11	ヒこ) <i>I</i>	u.	11	м	11	U	ıν	- 1	w	ΠI	W.

SITE# ____1118

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock installation (sq.yds.)					····		
Sod Installation (sq.yds.)							
5" Concrete Installation (sq. yds.)							
i" Concrete Installation (sq. yds.)					******		
Sand Installation (sq.yds.)					167. ⁵⁰		
Lower Lift Sand		ļ					
Rock, Brown (cu.yds.)		,					
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					80' .		
Concrete (cu.yds.)						·	
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			
COMMENTS:				•		•	
.1		·····				7-1718-590	
IT REPRESENTATIVE SIGNATU	RE					/-*/*(*********************************	,
SUB 1 SIGNATURE							
SUB 2 SIGNATURE			0120	82'			

n A Dorty, O

January 15, 1998

(b) (6)

Dear (b) (c

As you may be aware, the United States Environmental Protection Agency is conducting a Superfund removal action of asbestos in the Westbank area of Louisiana. A property you own at (b) (6) Marrero has been identified as potentially containing asbestos-containing naterial (ACM). We have been unable to contact you regarding the inspection of your property or positive identification of surface ACM.

Our goal is to mitigate the threat to human health and the environment posed by the asbestos located on your property. However, our project is nearing completion. It is imperative that you contact us regarding this issue at your earliest convenience. Please contact an EPA representative at either (504)363-2980 or (504)363-4917.

I have enclosed the latest fact sheet regarding the removal project for your information. Thank you for your assistance and cooperation.

Sincerely,

John Martin

Federal On-Scene Coordinator, U.S. EPA

enclosures:

fact sheet, access agreement

reference:

Site #1712

(b) (6)

, Marrero

07-1718-600

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8.25.98 SITE #: 1718		ADDRESS:(b) (6)	(
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT: DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	=	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		- A.O 110.26T	
73		NO HOUSE JACANT LOT	
Jacque 05.23.93			
Canal V	1		
TEAM ME	MBERS:	50400	07-1718-540

FIELD DATA SHEET 1

Occupant:		Interviewee:
Address:	MARREO L	A 70672
Phone No.:		
Owner Name, Address, and Phone No. if Diffe	erent Than Occupant:	
0'4 P '44'		*
Site Description: 1) Description of property (circle): single h	ome; Juplex; bu	siness; school; daycare; church;
vacant house; vacant lot; other	onie, (Aupiex,) ou	siness, school, daycate, entirell,
Problems accessing yards (circle): locked resolution:	gate; gate; dogs	, other
3) Underground utilities installed by owner? (o septic tank; other Note location on site sketch.	circle): no; water	; gas; electric; cable TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don't	now
Site Sketch: (b) (6) (b) (6)	* ×	
Estimated Volume of ACM:		
Comments: No Visible +	HUM	rechecked 2/7/98 No VIS
Date/Time of Interview: \[- \ 7-97 \]	1250	Access Granted (circle): yes; (no)
Team Members:		70 IT 4/24/918

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/15/98 SITE #: 17/9		ADDRESS Ma	mero
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
W Ach			
TEAM ME	MBERS: KUTS	-	07-1719-540

012086

FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: (b) (6)
Phone No.: (b) (6)
Owner Nation and Phone No. if Different Than Occupant: SAME - CALL BEFORE GOING BY
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Sheo Grass Reld Grass Reld Grass Sidu-ik (b) (6) Ichia Script
Comments:
Date/Time of Interview: 18 10 67 Access Granted (circle): (yes;) no
Team Members: C35 PM 07-1720-510

Tracking #:	720
-------------	-----

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Ov	wner's Name:	(6)	
Property A	idress: <mark>(0) (0)</mark>	(b) (6)	
State/Zip:_	Murrero	Phone Number(s)	
_			

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

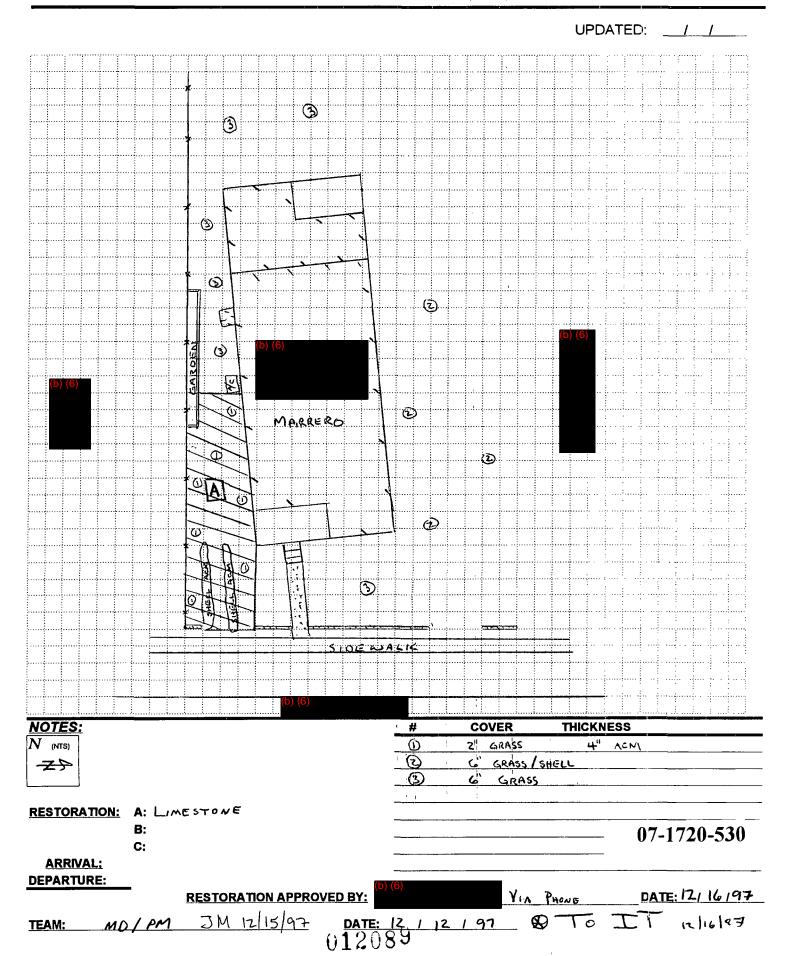
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.





SITE SKETCH ADDRESS:

MARRERO



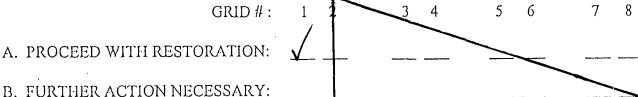
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

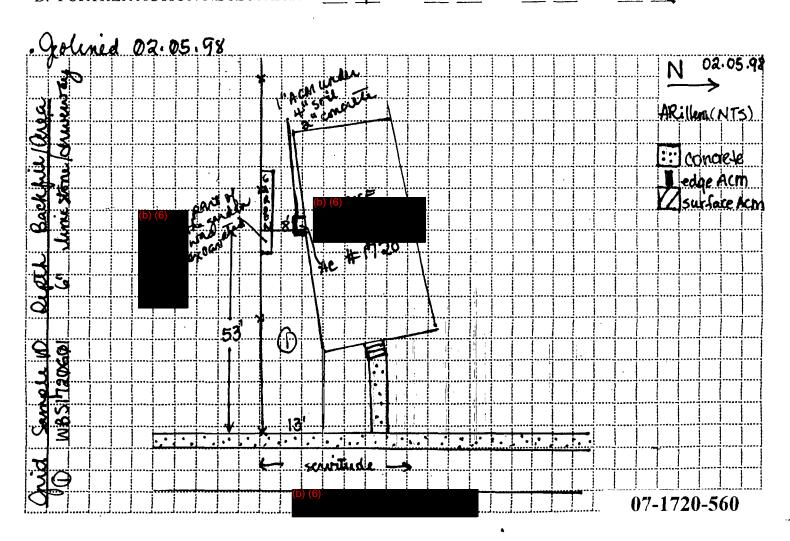
FYI:	
SITE# 1720	ADDRESS: (b) (6)
	Marrero, I A

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical results received as of 62.05.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING







AUTHORIZED EPAISTART REPRESENTATE 2000 Rellere

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Monday, February 09, 1998

Attn.: Alma Rillera **Ecology & Environment** 11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816

Ref Number: IN98355

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE		<u>ASBESTOS</u>		NONASBESTOS		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NONFIBROU	
WB\$501-G01	0) (6)	Brown	Crushed	< 1% Cro	ocidolite	1		sheug %08	
		Non-Fibrous	1	:				20% Other	
		Homogeneous	į						
l			•				**		
WBS501-G02		Brown	Crushed	< 1% Ch	rysotil e	• •		80% Quartz	
!		Non-Fibrous		< 1% Cro	ocidolite	•		20% Other	
1		Homogeneous		1					
				i				,	
WB\$1767-G01		Brown	Crushed	1% Ch	rysotile	'		78% Quartz	
		Non-Fibrous	ŧ	1% Cr	ocidolite			20% Other	
ì		Homogeneous	:	i					
<u>!</u>				i		<u></u>			
WB\$1720-G01		Brown	Crushed	< 1% Ch	rysotile	<u> </u>		80% Quantz	
1		Non-Fibrous		< 1% Cr	ocidolite			20% Other	
		Homogeneous		i					
				· · · · · · · · · · · · · · · · · · ·				•	
WB\$1674-G01		Brown	Crushed	1% Ch	rysotile	I		78% Quartz	
		Non-Fibrous		: 1% Cr	ocidolite			20% Other	
ļ		Homogeneous				:			
i				}	•	i -			
WBS1752-G01		Brown	Crushed	< 1% Ch	rysotile	•		80% Quartz	
		Non-Fibrous		< 1% Cr	ocidolite			20% Other	
:		Homogeneous				!			

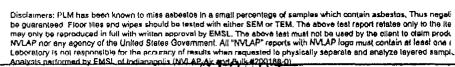
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

07-1720-570







Chkd. By ____ Date.

By PM Date 2-6-98 Subject RESTORATION SITE # 1720 Sheet No. ____of___

Proj. No. .

SOULY SANDENO SOULY SOULY SOULY

07-1720-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

Q	FS	TO	RΔ	TIO	M	FO	RM	
•	LU	10	ИΜ	IIU	IV	ட	IXIYI	

REPRESENTATIVE SIGNATU	RE				07-	1720-590	
OMMENTS:							
	Site Ske	tch on B	ack of P	age			
TRA							
psoil (cu.yds.)		···			-		_
alkway Rock Inst. (sq.yds.)		····					
astic Edging (ft.)							-
oncrete (cu.yds.)					,		
nd (cu.yds.)					0.50		_
ock, Gray (cu.yds.)					18.≅		
ck, Brown (cu.yds.)		 					-
wer Lift Sand							-
nd Installation (sq.yds.)				<u> </u>	1,50		
Concrete Installation (sq. yds.)							
Concrete Installation (sq. yds.)							
d Installation (sq.yds.)	٠.						-
ck Installation (sq.yds.)					65. ^{€2}		
					QTY.	QTY.	COM
	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT

012093

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/23/98 SITE #: 1720	ADDRESS marrero
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
Re M	
TEAM MEMBERS:	RL, JS 07-1720-540

012094

Tracking Number 1721

FIELD DATA SHEET 1

Occupant: Some	Interviewee: (b) (6)
Address: (b) (6)	HARUEY
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupan	(H)
Site Description:	· .
1) Description of property (circle): single home; duplex; by vacant house; vacant lot; other	usiness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dog resolution:	gs; other
3) Underground utilities installed by owner? (circle): no; water septic tank; other Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; don't If yes, note on site sketch. How deep?	
Shed House Carport	(b) (6)
Estimated Volume of ACM:	
Comments: Owner home at 4:30 - 5:00	
No Visible ACM	
Date/Time of Interview: 11/17/97 1640	Access Granted (circle): yes; no
Team Members: 68/51	06-1721-510

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/3/98 SITE#: 173/	ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
Januar Ollin	concrete stat 43/18
TEAM MEMPER	06-1721-540

012096

TEAM MEMBERS:

FIELD DATA SHEET 1

Site Information:	
Occupant Interviewee:	
Address: (b) (6)	
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Different Than Occupant: (b) (6)	
Site Description:	_di-
1) Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other	~
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank, other	
4) Is any underground ACM present? (circle): (ves: no; don't know If yes, note on site sketch. How deep?	
Site Sketch: (b) (6) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)	
Estimated Volume of ACM:	_
Comments: Driveway facing the canal SACM by the Street. House FACES (5) (6) , But APPRES 15 FOR (6) (6)	
Date/Time of Interview: 2/28/98 / 1536 Access Granted (circle): (yes;) no	
Team Members: 80 ()5	

(b) (6)

•

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Tracking #: 1722

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property Address:	MARRERO
State/Zip: W. 20072 Phone Number(s)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - e. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - c. The taking of other actions necessary to migrate releases for threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

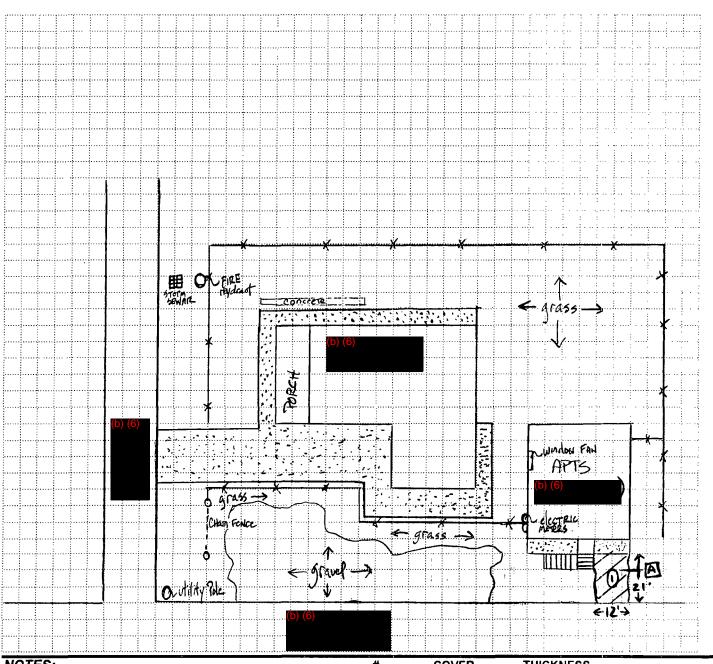
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity, I may have against any person or party in connection with the response action EPA will perform.

DATE



DATE: 5/21/98

UPDATED: 5/13/98



NOTES:	•		#	COVER	THICKNESS	· · ·
N (NTS)		4	<u> </u>	SACM	2-3"	
RESTORATION:			*****			
	B: C:				07-	1722-530

ARRIVAL: 1100 DEPARTURE: 1150

RESTORATION

APPROVED BY: OSCIACE DATE: 5 114 1980WNER DATE: 51/2198

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		(b) (6)		
SITE#	ADDRE	ESS:		
THE SAMPLE ANALYSIS RESULTS FOR THE A WERE EVALUATED BY THE USEPA START TE	ABOVE REFER EAM ON <u>MO</u>	ENCED SI	TE WERE R	eceived and
BASED ON AN EVALUATION OF THE ANALYZACTION:		_		
GRID#: 1	2 3	4 5	6 7	8
A. PROCEED WITH RESTORATION:				
B: FURTHER ACTION NECESSARY:				
GEOLINED:				
				N 109
				6/1/70 NTS
(b) (6)		<u>: : :</u> : : :]	· · · · · · · · · · · · · · · · · · ·	
. 20	(b) (6)			
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		· · · · · · · · · · · · · · · · · · ·		07-1722-560
		- · · · · · · · · · · · · · · · · · · ·		
AUTHORIZED EPA/START REPRESENTATIVE	Bonsi	rav E	M	

EMSL Analytical, Inc.

6330 Egst 75th Street, Suite 152 Indianapolis, Indiana 46280 Phone (317) 570-5892 Fax (517) 570-5894

17) 570-5894 EMSI

Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Sulte 250

Baton Rouge, LA 70816

Wednesday, June 03, 1998

Ref Number: IN981748

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASSESTOS

SAMPLE	LOCATION	APPEARANCE (BAMPLE TREATMENY	ARBERTOR % Type	<u>Nomase</u> % fibrous	ESTOS % NONFEBROUS
WB81936Q02	-(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile 1% Crockfoltte		97% Other
WB8 124G01		Brown Non-Pibrous Hemogensous	Crushed	1% Chrysotile		99% Other
WB81824G02		Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile		99% Other
W#81722G01		Brown Non-Fibrous Hamogensous	Crushed	< 1% Chrysotile		100% Other
WB86011G01		Brown Non-Fibrous Nomogeneous	Crushed	3% Chrysotile		97% Other
WB8 991G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crookfolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "F of Layers" refers to number of separable subsamples.

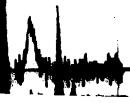
* NY samples size analyzed by ELAP 198-1 Method

Richard K. Harding
Analyst

Approved Signatory

Disclaimage: PLM has been known to mise estactos in a small percentage of samples which contain statectos. Thus negative quaranteed. Floor titles and wipes should be tested with either 85M or TEM. The above test report relates only to the tempt only be reproduced in his with writtent approval by EMSL. The above test must not be used by the olivent to deim produ. MYLAP new range of the Linked States Government, All "WILAP." reports with NVLAP logo must contain at beat one i Laboratory is not responsible by the accuracy of results when requested to physically separate and analyze layered sample Analyze performed by EMSL. If indicapolis (NVLAP Air and Sulk #200189-0):

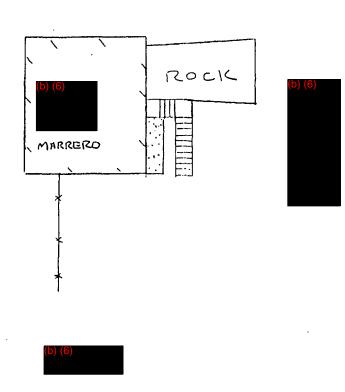
07-1722-570





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ال

By PM	_Date_ <u>6-2-98</u>	_Subject.	RESTORATION	site #	1722	Sheet Noof
Chkd By	Date					Proj. No.



07-1722-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

	Q	F	C	T	\cap	F	Λ	T	10	Λ	1	FO	٦.	D	٨	A
i	$\boldsymbol{\kappa}$	⊏.	Э.	1	U	П	. ~		ľ	"	,	-	Ji	к	//	П

SITE # 1727

	DATE	DATE	DATE	DATE			
•					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					38.∞		
					30		
Sod Installation (sq.yds.)				'			<u> </u>
5" Concrete Installation (sq. yds.)							
" Concrete Installation (sq. yds.)				-	-		
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					11.02		
Sand (cu.yds.)						 	
Concrete (cu.yds.)					· · · · · · · · · · · · · · · · · · ·		
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)				:			ļ
Topsoil (cu.yds.)							
EXTRA							<u></u>
	Site Ske	tch on B	ack of P	age		•	
COMMENTS:							·
IT REPRESENTATIVE SIGNATUR	? F				07	-1722-590	•
SUB 1 SIGNATURE	٠ -		01210	13			

Resident Contact Log Owner

Residence Number: 1722			
Property Address: Owner Name: (5) (6)			
Current Location/Phone/Fax: mail: (b) (6)	, Marrero	70072	

M/P/W	Date	Time	Init	R/I	Comments	Status
P	4/29/98	OPD8	cvm	I	Called the (b) (6) #, no answer, No msq. left.	
P	-1	1057	CVM	I	No msg. lift.	
P	5/4/18	1100	(Viu	I	looked up # tipe (b) (6) cull #, has been clisconnector called (b) (6) - talked w/ (b) (6)	
P	5/5	0845	Cvm	I	called (1) (6) - tacked w/ (1) (6) who is the unper-hold him would some call in a week to arrung pick-up	Access-
			;	-	call in a week to airring pick-up	•
W	5/5		cvm	I	rmailed and Access.	
P	5/12	0925	CK	I	Left message	
ρ	5/12	1000	CK'	R	(b) (6) called to state that he will leave agreement on the mail box	
		1, 19			·	
·						
	`			,		
			ŧ			-1
			4			
			ţ			

M=Meeting; P=Phone Call; W=Fax or Written

Init-Your Initials

R=Received; I=Initlated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed. Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

07-1722-600

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/24/98 SITE#: 1722		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT: DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	=	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
no Hem	5	Cas	
	N2 1_	175	07-1722-540

012105

TEAM MEMBERS: 2/55

FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupa-	nt:
	No.
Site Description:	
Description of property (circle): single home; duplex; to vacant house; vacant lot; other	ousiness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; do resolution:	gs; other
3) Underground utilities installed by owner? (circle): no; was septic tank; other Note location on site sketch.	er; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don' If yes, note on site sketch. How deep?	t know
Site Sketch:	tpt.
5 Kery (b) (6)	True lane
Estimated Volume of ACM:	
Comments: SACM IN DRIVEWAY TO THE IN THE BACK.	LEFT OF THE HOUSE
Date/Time of Interview: 1/11/97	Access Granted (circle): Yes; no
Team Members: CS5	07 1722 510

Tracking #:	1723

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (6)	
Property Owner's Name:		
Property Address:		
State/Zip: MAPRERO.	Phone Number(s)(b) (6)	
•	,,-	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

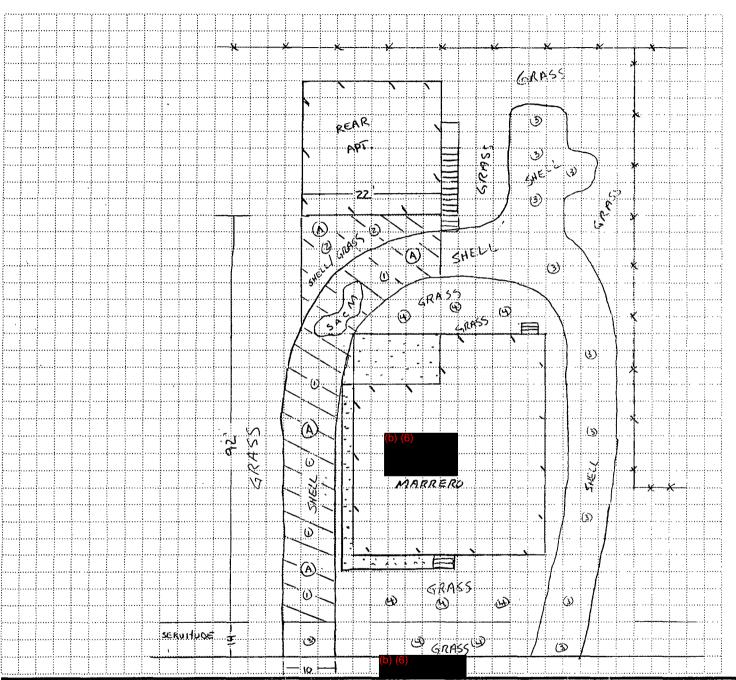
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-15-97 DATE



MARRERO

UPDATED: _



	NOTES	•
1	N (NTS)	
İ	42	
	4	

COVER **THICKNESS** 3-5" SHELL 2"-4" 3-5" SHELL/GRASS (3) 6 SHELL 6" GRASS

RESTORATION: A: LIMESTONE B:

C:

07-1723-530

ARRIVAL: DEPARTURE:

RESTORATION APPROVED BY:

KA PHONE DATE: 1/13/98

DATE: 1/6/98 @ TO IT 1/13/98

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

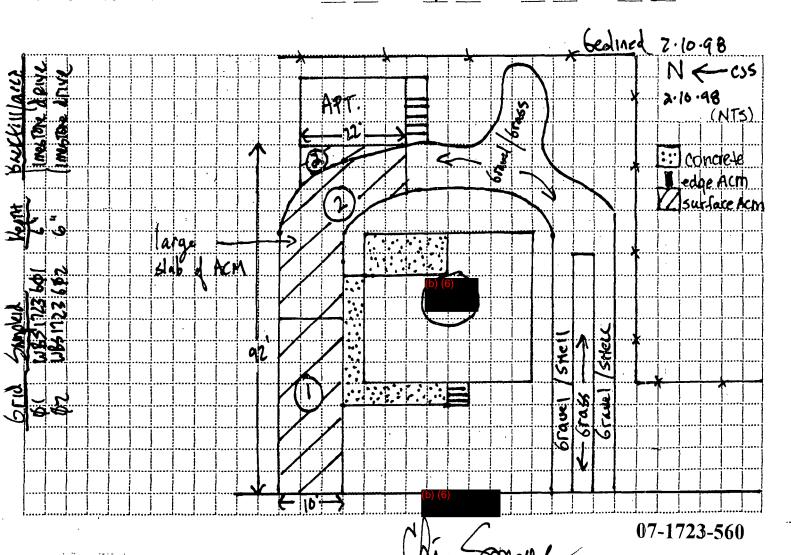
FYI:		
SITE#	1723	ADDRESS:
·	·	MARRERO, La

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Received 2-13-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: $\sqrt{}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

012105

EMSL Analytical, Inc.

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Friday, February 13, 1998

Ref Number: IN98411

EMS

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASBE	stos		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1723-G-01	o) (6)	Brown	Crushed	1% Ch	rysotile			78%	Quartz
İ		Non-Fibrous	:	1% Cr	ocidalite			20%	Other
		Homogeneous	•						
			.;	i		• •			
WB\$1723-G02		Brown	Crushed	2% Ch	rysotile			78%	Quartz
		Non-Fibrous	:	< 1% Cre	ocidolite			20%	Other
1		Homogeneous	i			1			
		i	<u></u>	L					
WB\$1694-G01		Brown	Crushed	< 1% Ch	rysotile			80%	Quartz
		Non-Fibrous						20%	Other
		Homogeneous				1			
1		• • • • •		, 					
WBS1694-G02		Brown	Crushed	< 1% Ch	rysotile	" / · ·		80%	Quartz
		Non-Fibrous		< 1% Cro	ocidolite			20%	Other
		Homogeneous		1					
						I			
WBS1492-G01		Brown	Crushed	2% Ch	rysotile	** *		78%	Quartz
		Non-Fibrous		!				20%	Other
		Homogeneous	<u>;</u>			:			
I		:		i	••				
WB\$1492-G02		Brown	Crushed	2% Ch	rysotile				Quartz
		Non-Fibrous	İ	< 1% Cro	ocidolite			20%	Other
1		Homogeneous	1			•			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret S Aillips

Margaret Phillips

Analyst

Approved Signatory

07-1723-570



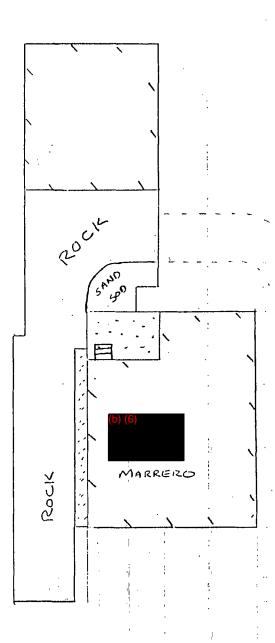
Disclaimers. PLM has been known to miss espesios in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor titles and wipps should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP not any agency of the United Stets Government. All "NVLAP" reports with NVLAP logo must contain at least one sig Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200148-0)



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Ву <i>РМ</i>	Date 2-11-98	_Subject_	RESTORATION	site # 17	23	Sheet No	_of
Chkd By	Dato					Proj. No.	



07-1723-590

WESTBANK ASBESTOS ABATEMENT.

SUB 2 SIGNATURE

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<i>,</i>			/ \ <i>F</i>	. , ,	1 ///		. ,,,,,	1 W I

SITE# 1723

· !	DATE	DATE	DATE	DATE			
. i	DATE	DAIL	DAIL	DAIL	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					134.52		
Sod Installation (sq.yds.)			,		10.00		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					10.∞		<u>:</u> .
Lower Lift Sand		-					;
Rock, Brown (cu.yds.)							; .
Rock, Gray (cu.yds.)					36.∞		
Sand (cu.yds.)					2.50		
Concrete (cu.yds.)							
Plastic Edging (ft.)							,
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)					·		
EXTRA							
	Site Ske	etch on B	Back of F	Page			·
COMMENTS:	·····						·
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SUB 1 SIGNATURE							•

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	/
SKETCH OR COMMENTS:	
PERCENT OF AREA (ACM)	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
	AND THE RESERVE OF THE PROPERTY OF THE PROPERT
APPR. CRAWL SPACE HEIGHT:	6"
ACM LOCATED BENEATH:	HOUSE SHED
au.	-24-98
SITE #: /723	MANAGER
DATE: 8-24-98	ADDRESS: Marrero

012113

TEAM MEMBERS:

Tracking Number ________

FIELD DATA SHEET 1

Occupant: (b) (6)			Intervi	ewee:	
Address:					
Phone No.: (b) (6)	(н)	(b) (6)	J) (b)	(6)	HELFRIEND
Owner Name, Address,	, and Phone No. if Dif	ferent Than Occu	pant:		
(b) (6)) dec
Site Description:	1	<i></i>			
Description of prope vacant house; vaca		home, duplex;	business;	school; daycare;	church;
2) Problems accessing y resolution:	yards (circle): locke	d gate; gate;	dogs; other		
3) Underground utilities septic tank; other Note location on site			vater; gas;	electric; cable l	ſV;
4) Is any underground A If yes, note on site ske	ACM present? (circle) etch. How deep?		on't know		
Site Sketch		Hous	?	SACM	
Estimated Volume of A	CM:				
Comments:					
Date/Time of Interview:		1120	Access	Granted (circle):	es; 110
Team Members:	GD/SJ			06-	1724-510

Tracking	#:	1724	l

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property Address:	HARVEY
• • • • • • • • • • • • • • • • • • • •	ne Number(s)_ ^{(b) (6)}
•	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - n. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11 19 97.
DATE

SIGNATURE

1724 TRACKING #

SITE SKETCH ADDRESS:



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RESTORATION APPROVED BY:	ESTORATION:	A: Exca B: GRA	OF FILL	TOWAR	4B•~T	1 GRAS	5	vo sen	1724-5	30
	ESTORATION: ARRIVAL: 94	A: Exca B: GRA C:	OF FILL	TOWAR	4B•~T	1 GRAS	5	vo sen	1724-5	30
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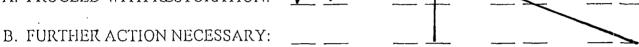
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

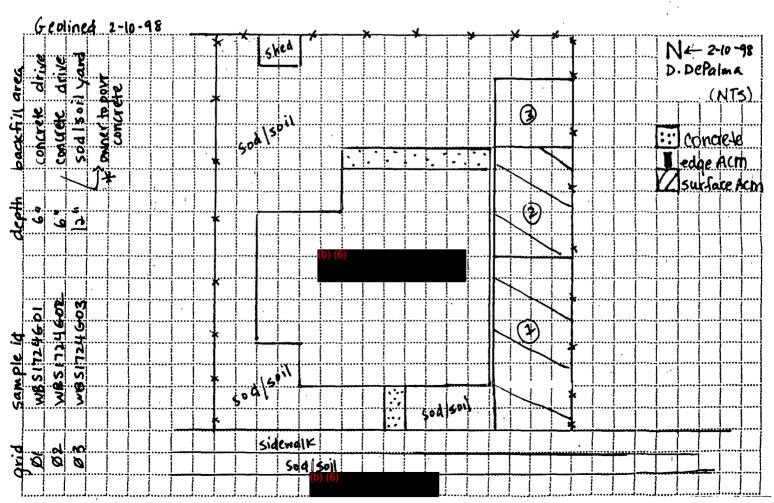
	•	Harvey, La
SITE#	1724	ADDRESS: (b) (6)
FYI:		

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2-10-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7





06-1724-560

AUTHORIZED EPA/START REPRESENTATIVE

Deena DePalma

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Friday, February 13, 1998

Ref Number: IN98411



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASB.	ESTOS		NONASB	<u>E\$TOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$1492-G-03) (6)	Brown	Crushed	No	ne Detected			80%	Quartz
!		Non-Fibrous Homogeneous				!		20%	Other
WBS1724-G01		Brown	Crushed	2% Ct	ırysatile	:		78%	Quartz
		Non-Fibrous Homogeneous			ocidoli te	! !			Other
WBS1724-G02		Brown	Crushed	∵ < 1% Ct	ırvsotile			80%	Quartz
; ;		Non-Fibrous Homogeneous			ocidolite				Other
WBS1724-G03		Brown Non-Fibrous Homogeneous	Crushed	No.	one Detected				Quartz Other
WB51492-G04			i de la companya de l	1 .				000/	
VV001432-004		Brown Non-Fibrous Homogeneous	Crushed	< 1% Cr < 1% Cr					Quartz Other
WB\$1492-G05		Brown	Crushed	< 1% Cr	rvsotile			80%	Quartz
!		Non-Fibrous Homogeneous		< 1% Cr					Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips

Analyst

Approved Signatory

06-1724-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the Item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one six Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis profusioned by EMSL. of Indianapolis (NVLAP air, sod Buck #200189.1)





 By
 Date
 Z-11-98
 Subject
 RESTORATION
 SITE
 1724
 Sheet No.
 of

 Chkd. By
 Date
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 Proj. No.
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150CK HARVEY SIDEWALK

06-1724-590

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE# 1724

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	DATE	DATE	DATE	DATE	FOT	ACTUAL	A 0.T
•				-	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					114,52	1	<u> </u>
Sod Installation (sq.yds.)	-				59.02		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					59.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)						,16	
Rock, Gray (cu.yds.)					32.⁰		1
Sand (cu.yds.)					24.*2		
Concrete (cu.yds.)					•		,
Plastic Edging (ft.)						-	
Walkway Rock Inst. (sq.yds.)							1
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age °			al and a second
COMMENTS:					1. 1		
*				······································			
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SUB 2 SIGNATURE			12120) ,	· · · · · · · · · · · · · · · · · · ·		1

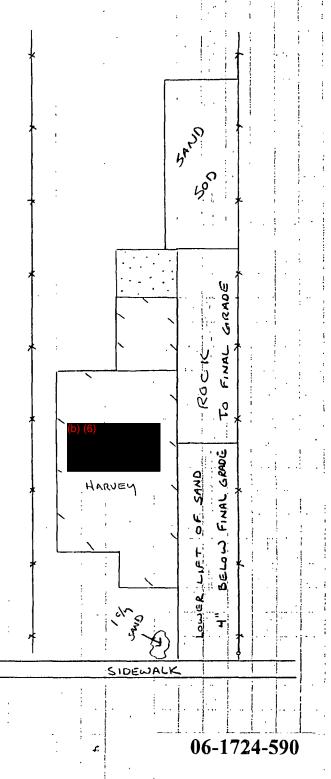


∜ Bv	pm	Date 2-//-98	_Subject_	RESTORATION	SIJE #	1724	Sheet No	of
Ţ,—	;		,				;	
Chkd	Rv	Data					Proi No	

REVISED 2-27-98

NOTE :

THERE SHOULD BE A GRADE STAKE
IN THE L/L SAND AREA SET TO
FINAL GRADE, LEAVE I C/Y
SAND EXTRA ON THE SIDE OF
THIS AREA.



012121

WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORATION FORM

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					54.59		
Sod Installation (sq.yds.)	-				59.00		
6" Concrete Installation (sq. yds.)					•		
4" Concrete Installation (sq. yds.)		-					
Sand Installation (sq.yds.)					59.∞		
Lower Lift Sand					& ≈		1
Rock, Brown (cu.yds.)						,vs·	
Rock, Gray (cu.yds.)					15.≅		1
Sand (cu.yds.)					32.00		*
Concrete (cu.yds.)							7,
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							1
EXTRA							
	Site Ske	etch on B	ack of F	Page			
COMMENTS:					······		
						· · · · · · · · · · · · · · · · · · ·	
IT REPRESENTATIVE SIGNATU	RE				06-	1724-590	
SUB 1 SIGNATURE		(,	1212	2			

DATE: SITE #:	8-13-98 172 4		ADDRESS:_	(b) (6) Harvey
ACM LOCA	TED BENEATH:	HOUSE		
APPR. CRA	WL SPACE HEIGHT:		=	
DESCRIPTI	ON OF ACM:	CHUNKS POWDER SLAB		
PERCENT (OF AREA (ACM)		=	
SKETCH OF	R COMMENTS:			
	No Nour			
		TEALL MEMBERS.		06-1724-540

012123

TEAM MEMBERS: \(\sum_{15}\) K\(\sum_{15}\)

FIELD DATA SHEET 1

Site Information:	
Occupant: Interviewee:	
Address: (b) (6) Bridge City LA 70094	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	
Site Description:	
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketqh:	
Drieury:	
Estimated Volume of ACM:	
Comments: No VISIBLE ACM.	
Date/Time of Interview: /1/19/97 1415 Access Granted (circle): yes; no	
Team Members: 6b / 5J 04-1725-510	

DATE: _ SITE #: _	8/11/98		ADDRESS:_ - -	Bridge City	,
ACM LOCAT	ED BENEATH:	HOUSE			
APPR. CRA	WL SPACE HEIGHT:		·		
DESCRIPTION	ON OF ACM:	CHUNKS POWDER SLAB			
	OF AREA (ACM)				
	, No Actu				
<u> </u>	-	TEAM MEMBERS: (4)	15	04-1725	-540

FIELD DATA SHEET 1

Site Information:

Occupant: Interviewee:
Address: GroIna
Phone No.
Owner Name, Address, and Phone No. if Different Than Occupant:
Sana
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:
House to the state of the state
Estimated Volume of ACM:
Comments: NO Visible ACM
Date/Time of Interview: ///19/97 /530 Access Granted (circle): yes, no
Team Members: 65/50 05-1726-510

DATE: _ SITE #: _	8-6-98 1726			ADDRESS:	(6) GRISTNA	
ACM LOCATE	ED BENEATH:		HOUSE SHED			
APPR. CRAW	/L SPACE HEIGHT:			-		
DESCRIPTIO	N OF ACM:		CHUNKS POWDER SLAB			
PERCENT OF	FAREA (ACM)	<u></u>		:		
SKETCH OR	COMMENTS:					
	To ACD'S					
		TEAM MEMBERS:	PN	1	05-1726-	540

FIELD DATA SHEET 1

Site Information:

Occupant:	Interviewee:
Address: Marrero	LA 70072
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occup	ant:
Site Description:	ų!
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; d resolution:	
	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don If yes, note on site sketch. How deep?	n't know
Estimated Volume of ACM:	(b) (6) (concrete)
	ISIBLE ACM
Date/Time of Interview: ///20/97 //OC	Access Granted (circle): yes; no
Team Members: (1) (5)	07-1727-510

TEAM MEN	MBERS: MTL/P	'LL	07-1727-54	0
War				
Na A cm	,			

-~ /				
	/			
SKETCH OR COMMENTS:				
PERCENT OF AREA (ACM)				
	SLAB			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
APPR. CRAWL SPACE HEIGHT:				
ACM LOCATED BENEATH:	HOUSE			
SITE #:			WANTERD	· · · · · · · · · · · · · · · · · · ·
DATE: 8/27/98		ADDRESS	Marrers	
<i>j</i> , , , , , , , , , , , , , , , , , , ,			(b) (6)	

Tracking Number	1728
•	

FIELD DATA SHEET 1

Site Information:

Occupant:	7)	Interviewee:
Address: (b) (6)	west	1800
Phone No.: (b)	(6)	
Owner Name, A	Address, and Phone No. if Different Than Occupant:	
	aml	
Site Descript	ion:	
	of property (circle): single home; duplex; buse; vacant lot; other	siness; school; daycare; church;
2) Problems acc resolution; _	cessing yards (circle): locked gate; gate; dogs	; other
septic tank;	d utilities installed by owner? (circle): no; water; othern on site sketch.	gas; electric; cable TV;
	ground ACM present? (circle): yes; no; don't k n site sketch. How deep?	now
Site Sketch:	House Concrete	
Estimated Volum	me of ACM:	
Comments:	NO V15	
Date/Time of In	terview: 1035 2/7/98	Access Granted (circle): yes; no
Team Members	(a)	00 1739 510

ATE: 9/22/98 ITE#: 1728		ADDRESS:	etwezo
CM LOCATED BENEATH:	HOUSE	Ī	
PPR. CRAWL SPACE HEIGHT:			
ESCRIPTION OF ACM:	CHUNK POWDI SLAB		
ERCENT OF AREA (ACM) KETCH OR COMMENTS:			
NO REM			Siding
TEAM N	IEMBERS:	L, TS	09-1728-540

1729

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: Harvey, LA 70058
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Same
Site Description:
1) Description of property (circle): duplex; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Howas Concrete Concr
Comments: ACM in Servitude
Date/Time of Interview: 11/21/47 14/5 Access Granted (circle). yes: no
Team Members: 65 /52 06-1729-510

Tracking	#:	1729

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property Address:	Harvey
State/Zip: LA 70058	Phone Number(s)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

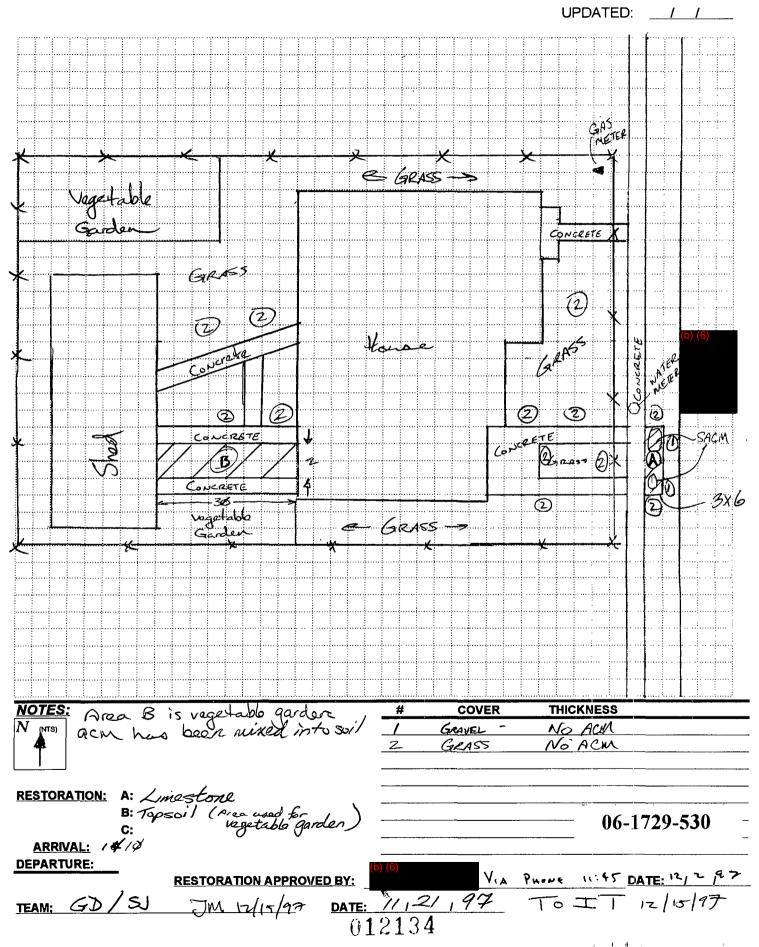
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/21/97 DATE SIGNATURE

06-1729-520





WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				
SITE# MM		ADDRESS:	(b) (6)	lavey
	S RESULTS FOR THE AB THE USEPA START TEA		CED SITE WERE R	ECEIVED AND
BASED ON AN EVALUA	TION OF THE ANALYTIC	CAL DATA, WE	RECOMMEND TH	IE FOLLOWING
A DROOPED WITH DE	GRID#: 1 2	3 4	5 6 7	- 1
A. PROCEED WITH RES	**************************************			
D. I OKKIIBKITOTTOTT			, .	
3		* * * *		N R.C.
	Janaa .			2-17-7(NTS)
			. Gaolined	Concrete Ledge Acm
		1111	2-17-98 · No Surface 4	Surface Acm
			· Edge 3"Her	nte
2 d5 m21 60 L				
\$ 2				
60				

06-1729-560

AUTHORIZED EPA/START REPRESENTATIVE 35 Lots 7 Him

MSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Jody Shires

Ecology & Environment
11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			. SAMPLE	ASBESTO	<u>s</u>	NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% T	YPE %	FIBROUS	%	NONFIBROUS
WBS1700G02	(b) (6)	Brown Non-Fibrous	Crushed	2% Chrysoti				Quartz Other
		Homogeneous						
1		,	·			•		
WBS1729G01		Brown	Crushed	< 1% Chrysoti				Quartz
		Non-Fibrous	;	< 1% Crocido	lite :		60%	Other
		Homogenéous	!		1			j
1			•			•		
WBS1729G02		Brown	Crushed	< 1% Chrysot	ile :			Quartz
		Non-Fibrous					60%	Other
		Homogeneous	•					
!				•				_
WBS1775G01		Brown	Crushed	None D	etected	•		Quartz
1		: Non-Fibrous	İ	1	•		60%	Other
İ		Homogeneous	1	i	1			
		•	•		•			İ
WBS1774G01		Brown	Crushed	< 1% Chrysot				Quartz
;		Non-Fibrous	!	< 1% Crocido	lite		30%	Other
		· Hamogeneous		1				1
WBS1774G02		Brown	Crushed	< 1% Chrysot	ile		70%	Quartz
		Non-Fibrous	Citionico	< 1% Crocido				Other
	1	Homogeneous	•		į			ſ
•			1 4					.]

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst entera 2120/98 9128

Approved Signatory

06-1729-570

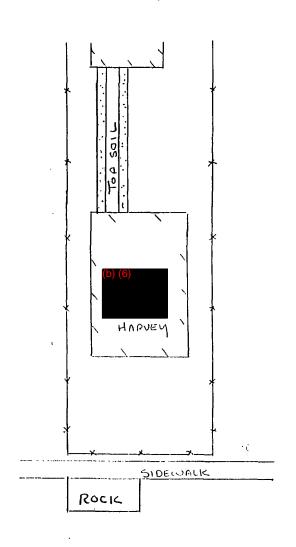
Discisimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signatoratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis portamed by EMOL of Indianagelis, (MALAP Aix and Bulk 270138A.)



Ву <i>РМ</i>	_Date_ <u>2-19-98_</u>	_Subject_/	: VA!	REMOUPE	SI-11 -#	1729	Sheet No	of
Chkd By	Date						Proi No	

NOTE:

COMPACT THE TOP SOIL



06-1729-590

WESTBANK ASBESTOS ABATEMENT

R	FS	$T \cap$	$R\Delta$	TIC	M	FO	RM
<i>.</i>	டப	IU.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IIC	//W .	ıv	<i>1</i> \ 1 Y I

SITE# <u>(729</u>

•	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT.
ſ						GII.	COMP
ck Installation (sq.yds.)	•				10,50		
i Installation (sq.yds.)	· , ,						
Concrete Installation (sq. yds.)	i						
Concrete Installation (sq. yds.)							
nd Installation (sq.yds.)					10.50		
ver Lift Sand	.						-
ck, Brown (cu.yds.)							
ck, Gray (cu.yds.)					2.5º		_
nd (cu.yds.)							
ncrete (cu.yds.)							
stic Edging (ft.)							
lkway Rock Inst. (sq.yds.)							
osoll (cu.yds.)					2.50		
TRA							
	Site Ske	tch on E	Back of P	age			
DMMENTS:							

·	
	06-1729-590
IT REPRESENTATIVE SIGNATURE	
SUB 1 SIGNATURE	012138
SUB 2 SIGNATURE	1

DATE: 8-13-98 SITE #: 1729		ADDRESS:	(b) (6) Ffaruty	
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:	124	=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)	20%	=		
SKETCH OR COMMENTS:				
(b) (6)				

012139

TEAM MEMBERS: KJ/JS

06-1729-540

ME POLIC UP SHOULD AGRICATET

Della Ct.

(b) (6)

FIELD DATA SHEET 1

Site Information:	
Occupant: Interviewee:	
Address: Marriero LA 70072	
Phone No.:	
Owner Name Address and Phone No. if Different Than, Ockey No. 1	J~F
Site Description:	
1) Description of property (circle): single home, duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch: Shed Shed Face House	(b) (6)
Estimated Volume of ACM:	
Comments: ACM in driveway	
Date/Time of Interview: 11/21/97 1540 Access Granted (circle) res, no	
Team Members: 68 /57 07-1730-	510

July March

.

• - -

Tracking #: $./73\phi$

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASRESTOS SITE

11.14	(b) (6)	
Property Owner's Name:	(b) (6)	
Property Address:		Marrero
State/Zip: LA 73473	Phone Number(s) (b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

3/16/98 DATE SIGNATURE /

07-1730-520

	UPDATED:/_/
	5/10
(b) (6)	
	Grasi
	3
1, 25/AY /)	13' (1)
g Elower Bed	
O Fross De Watter Grass	
0 (0 0) (0)	Drain (i)
(b) (6)	
NOTES:	# COVER , THICKNESS
N (NTS)	7 4" sod soil 3" ACM 3 — U" SACM
- 1 (c·1	3 - " " SACM
RESTORATION: A: Sod Soil B: Limestone C:	
C: ARRIVAL: 0935 DEPARTURE: 0955 D/W 3/20/49 (D)(07-1730-530
DEPARTURE: 0955 DLW 3/20/49 RESTORATION APPROVED BY:	6) DATE: 2,21,09
17101	3, 19,98 DATE: 3,21,98 To IT 3/21/98 SPD
TEAM: $012\overline{142}$	To IT 3/21/98 ARD

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

SITE# 1730 ADDRESS:(b) (6)	4,5 5,5
FYI:	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no oralytical riskly Koind as 1 4 7 1

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

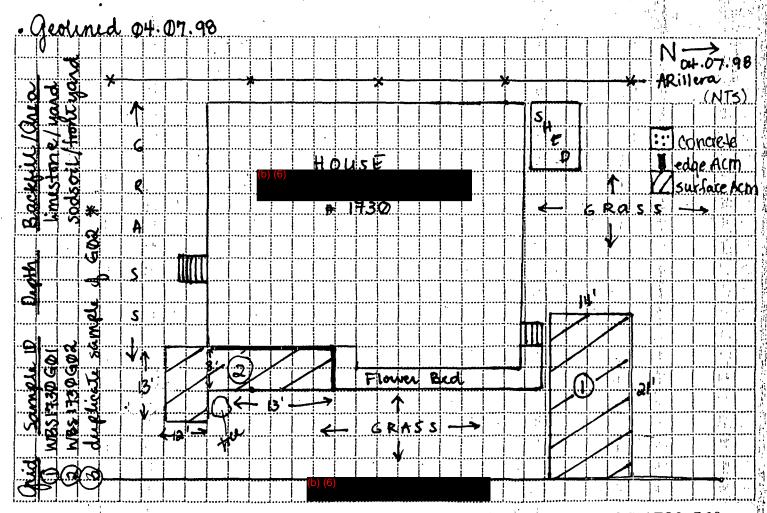
GRID#: 1 2

 $\sqrt{\ \ }$

B. FURTHER ACTION NECESSARY:

A. PROCEED WITH RESTORATION:

grid 3 in a duplicate sample of grid 3



07-1730-560

AUTHORIZED EPAISTART REPRESENTATIVE film filler

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250

Attn.: Alma Rillera

Ecology & Environment -11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Phone (317) 570-5892 Fax (317) 570-5894

Friday, April 10, 1998

Ref Number: IN981016



POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 - WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u> % TYPE	<u>Nona:</u> % Fibrous	SBESTOS % NONFIBROU
WBS1730G01) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quartz 20% Other
WB\$1730G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		80% Quartz 20% Other
WBS1730G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockdolite		78% Quartz 20% Other
WBS130G01		Brown Non-Fibrous	Crushed	1% Chrysotile 1% Crockfolke	. l i	78% Quartz 20% Otner
! L		Homogeneous	<u> </u>	·		A Section of the sect
WBS1696G01		Brown : Non-Fibrous Homogeneous	Crushed	. < 1% Chrysotile	•	80% Quartz 20% Other
WBS531G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method 1

Analyst

Approved Signatory

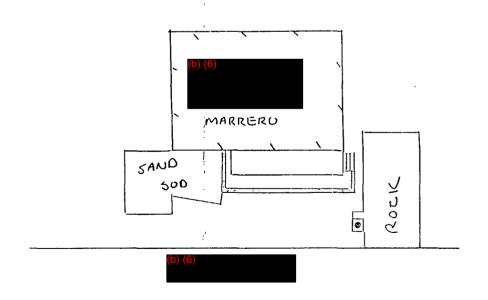
Disclaimers: PLM has been known to miss asbestos in a small percentage of earnples which contain sebestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items be guaranteed. From ties and wipes endure be tosted with either SCM or I EM. The above test report retates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP not any appency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sig. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolia (NVI AP Air and Bulk #200188-0).

07-1730-570





Ву <i>РМ</i>	_Date_ <u>4-8-98</u>	_Subject_	RESTORATION	site #	1730	_ Sheet No	of
Chkd. By	_ Date			·		_ Proj. No	



07-1730-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

R	FS	TO	RA	TIO	N	FΩ	RI	И
11	ムン		1 \ \	IIV	1 Y	I U	111	71

,	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
r					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	:			:	32.∞		
Sod Installation (sq.yds.)	,			,	26.∞		
6" Concrete Installation (sq. yds.)					·		<u> </u>
4" Concrete Installation (sq. yds.)	:				T		
Sand Installation (sq.yds.)					26.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)		; ;			8.≈		
Sand (cu.yds.)		-			10.∞		
Concrete (cu.yds.)	:						
Plastic Edging (ft.)	;. 						
Walkway Rock Inst. (sq.yds.)	:					<u> </u>	
Topsoil (cu.yds.)							
EXTRA				:			
	Site Ske	tch on B	Back of F	Page			
COMMENTS:	·	•					
							
			· · · · · · · · · · · · · · · · · · ·		ስ ማ 1	1730-590	· · · · · · · · · · · · · · · · · · ·

SUB 1 SIGNATURE

SUB 2 SIGNATURE

() 12146 '

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9-21-98</u> SITE#: <u>1730</u>	ADDRESS: (b) (6)
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	20"
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	100%
SKETCH OR COMMENTS:	
	20" CRAWL SPACE 108% UNDER HOUSE
. TEAM MEN	MBERS: J.Y. & A.T.

Tracking Number	
FIELD DATA SHEET 1 LOT 748	:6
Occupant: VACANT COT Interviewee:]
Address: nort to (b) (6) Harren LA	76658
Phone No.:	1 "
Owner Name Address and Phone No. if Different Than Occupant:	
Site Description:	_
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant ot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Concrete Concrete Sacan Concrete	
Estimated Volume of ACM:]
Comments: Across street from (b) (6)	
Date/Time of Interview: 11 20 97 16 pp Access Granted (circle): yes; no	1

06-1731-510

GD/SJ

Team Members:

UPDATED: __/_/ TREE FIREE? CONCRETE VACANT LOT 23 SACM TREE NOTES: COVER **THICKNESS** >1" GRASE/WEEDS 3"4" ACM N (NTS) >6" SOOK/SHELL RESTORATION: A: SAND (HYDROSEED) B: **ARRIVAL:** 06-1731-530 **DEPARTURE:**

RESTORATION

APPROVED BY: OSCIACE DEW DATE: 5/20/90WNER UNKNOWN OWNER DATE: 5/20/98

TEAM: JW DATE: 5 / 18/98 TO 17 DATE: 5 1201 98

Residence Number: Owner Property Address: Harvey LA 70058 Owner Name: Current Location/Phone/Fax:									
M/P/W	Date	Time	Init	R/I	Comments	Status			
						13.1			
					:				
		7							
}									
			,		1:				
						3			
	*				•				
					W-1				
	}								

Init-Your Initials R=Received; I=Initiated Communication

M=Meeting; P=Phone Call; W=Fax or Written

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed. Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

06-1731-600

YY LULIAN MARKET

SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE#	1731		ADDRESS:	(b) (6)	• •
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THE SAMPI	LE ANAL	ysis results fo	R THE ABOVE REFERE ART TEAM ON HO A	NCED SITE WER	E RECEIVED AND
WERE EVA	LUATED	BY THE USEPA ST	'ART TEAM ON No A	NAYTICEL AS Of 6.	16.98
	AN EVAL	LUATION OF THE	ANALYTICAL DATA, W	VE RECOMMEND	THE FOLLOWING
ACTION:		GIUD#:	1 2 3 4	5 6	7 8
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		(b) (6)			
9.5					06-1731-560
AUTHORIZ	י א א חדו כויז:	START REPRESEN	TATIVE (Nin	more	00-1/31-300

EMSL Analytical, Inc.

0330 B. 7308 St., Shine 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-589 EMSI

Attn.: Chris Sansome Scology at Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 12, 1998

Ref Number: IN981904

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTRANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>AARERTOR</u> % TYPE	%	NONABELS FEROUS	 NONFIBROUS
WB81736G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			Quartz Other
WB81738G02		Brown Non-Pibrous Harnogeneous	Cruehad	None Detected			Quertz Other
WBS1751G01		Brown Non-Fibroue Homogeneous	Crushed	None Detected			Quertz Other
WB81751G02		Brown Non-Fibrous Homogeneous	Crushind	None Detected			Quartz Other
WB81731G01j		Brown Non-Fibrous Homogeneous	Cruehad	None Detected			Quartz Other
WB81731G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected			 Quartz Cother

Comments: For all obviously heterogeneous semples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "if of Layers' refere to number of separable subsemples.

NY samples also analyzed by ELAP 198-1 Method

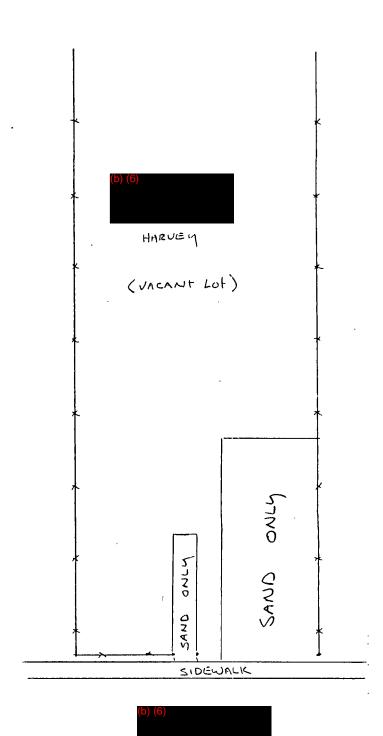
Approved Signatory

Analysis performed by ENGL indistinguis (NVLAP Air and Bulk #200188-0,)



LECT

· Section



06-1731-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

SITE#

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							ļ
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					108.59		
Lower Lift Sand							
Rock, Brown (cu.yds.)					·		
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					48.≅		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)							-
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:						······································	
				·			
			,		06-17	731-590	
IT REPRESENTATIVE SIGNATU	RF						

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE #: <u>/73/</u>		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	NA	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
		Maca	ent lot
			+
			-
	•		b
	<u></u>		
			06-1731-540

012155

TEAM MEMBERS:

Tracking Number	1732

FIELD DATA SHEET 1

Site Information:							
Occupant: Wrs Lawis C. Mason Interviewee:							
Address: 1201 Estalote Ave Harvey LA 70058							
Phone No.:							
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) 341 - 5844							
Site Description:							
1) Description of property (circle): single home; duplex; vacant house; vacant lot; other							
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:							
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other							
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?							
Site Sketch:							
Tope Sacur Some. Brulding							
Estimated Volume of ACM:							
Comments: Owner address comes from Tax records. Howard							
Date/Time of Interview: 11/20197 1645 Access Granted (circle)://ses/ no							
Team Members: GD / S J 06-1732-510							

Tracking #: 1732

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:_	Lewis	C. Ma	n50n	
Property Owner's Name:_ Property Address: <u>\20\</u> State/Zip: <u>LA</u> 7005	Estalo	te Ave	Harvey	
State/Zip: 19 7005	% Phone	Number(s)_	341-58	44
•		` ,		7

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

06-1732-520

2/2/98 DATE

SIGNATURE

59 341-584

UPDATED: (2) (2) (90255 1201 (2) (2)(8) 3 NOTES: COVER **THICKNESS** N (NTS) gravel 3" NO ACM RESTORATION: A: homestime 06-1732-530

TEAM: AR GD

DEPARTURE: 1509

ARRIVAL: 1455

RESTORATION APPROVED BY: Mas LEWIS MASON VIA PHONT DATE: 21 57 58

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attri: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue **Sulte 250**

Baton Rouge, LA 70816

Wednesday, March 18, 1998

Ref Number: IN98747

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE	LOCATION	APPEARANCE	Sample Treatment	ASSESTOS % Type	*	NONASEESTOS FINOUS % NONFISIC	יטכ
W891783G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		70% Quertz 30% Other	
WB\$1782G01	1201 Estalota Ava, HA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie < 1% Crocidelite		60% Quartz 40% Other	
WB81825G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile	i İ	60% Quartz 40% Other	
W881783G02		Brown Non-Florous Homogeneous	Crushed	None Detected		60% Quartz 40% Other	
W881783G03		Brown Non-Fibrous Homageneous	Crushed	None Detected		 80% Quartz 20% Other	
W981718G01		Brown Non-Fibrous Hornoganeous	Crushed	2% Chrysotlie		80% Quartz 38% Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed asparately. Also, "# of Layers" refers to number of separable subnamples.

* NY samples also analyzed by ELAP 198-1 Method

ane Wasilewski **Analyst**

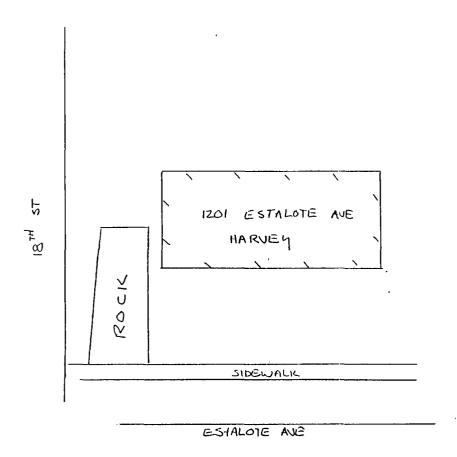
Approved Signatory

06-1732-570



Displainmen: PLM her been known to mise embestoe in a amail percentage of administ which contain administration and percentage of administration of the second which is a second with either SEM or TEM. The above test report relates only may only be reproduced in hall with written approval by tIMBs. The above test must not be used by the client to ChVLAP not any approval of the thrifted Susses Community. All TYPLAP imports with NYLAP loop must contain at laboratory is not responsible for the accuracy of results when the community is not responsible for the accuracy of results when the contains a second contains a secon





06-1732-590

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SITE# 1732

	DATE	DATE	DATE	DATE			
-					EST.	ACTUAL QTY.	ACT.
ſ					QTY.	WIT.	COMP.
Rock Installation (sq.yds.)					39. ⁵²		
Sod Installation (sq.yds.)						·	
6" Concrete Installation (sq. yds.)					•		-
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)		·			-		-
Rock, Gray (cu.yds.)					12.00		
Sand (cu.yds.)							<u> </u>
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	Back of F	Page			
COMMENTS:							

06-1732-590 IT REPRESENTATIVE SIGNATURE SUB 1 SIGNATURE

SUB 2 SIGNATURE

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/3/98 SITE #: 1730		ADDRESS:	120/Estalots 51,149
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	NA	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:		·	
Mann		concil	re plat
	1		06-1732-540

012163

TEAM MEMBERS:

Tracking Number	1733

FIELD DATA SHEET 1

Site Information:
Occupant: Vacant Lot Interviewee:
Address: (b) (6) Harvey LA
Phone No.: V/A
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) Harvey - Robertal (b) (6)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; acant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Trailer (Abandoned)
SNCM (SACM) ACM
Estimated Volume of ACM:
Comments: Across stract from (b) (6)
Date/Time of Interview: ///20/97 /630 Access Granted (circle): ves: no
Team Members: GD / SJ 06-1733-510

Tracking	#:	7	3	3	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name Property Address:			
State/Zip:	Phone Number(s)	(b) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

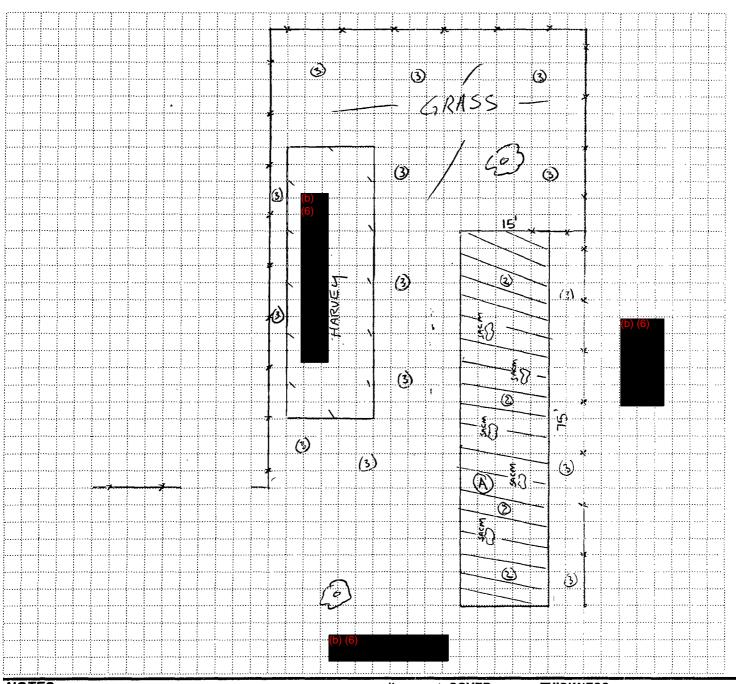
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-5-97 DATE



UPDATED: / /



NOTES:
N (NTS)

IF ACM GOES OUTSIDE OF DRIVEWAY AREA, OWNER WANTS GRASS # COVER THICKNESS

2"GRASSASMELL 2"- G"-ACM

3 NO ACM - +G" GRASS

RESTORATION: A: LIMESTONE

C:

06-1733-530

ARRIVAL:
DEPARTURE:

RESTORATION APPROVED BY:

DATE: 121 18,97

TEAM: MD, PM JM 12/15/97 DATE: 12/10/97 TO IT 12-11-97

WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Baton Rouge, LA 70816

3175705894

Friday, January 23, 1998

Ref Number: IN98193

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: PROJ# 020601R1961 WESTBANK ASBESTOS

			SAMPLE	<u>ASBI</u>	<u>ESTOS</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1548-G11	(b) (6)	Brown	Crushed	2% Ch	rysotile			78%	Quartz
i		Non-Fibrous				!			Other
1		Homogeneous		į	•				1
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WB\$1548-G12		Brown	Crushed	2% Ch	rysotil s	_[78%	Quartz
j		Non-Fibrous		< 1% Cr	ocidolite			20%	Other
:		Homogeneous		•					
			J	i					
WBS1548-G13		Вюмя	Crushed	10% Ch	rysotile	•		70%	Quartz
		Non-Fibrous		;	-			20%	Other
i		Homogeneous							
			1			:			
WB\$1733-G01		Brown	Crushed	. 1% Ch	rysotile			78%	Other
!		Non-Fibrous	ļ	t .	ocidolite			20%	Other
:		Homogeneous	ļ						
L ,		** ** * ***	: 	<u> </u>	.,				
WB\$1733-G02		Brown	Crushed	1% Ch	rysotile			78%	Quartz
:		Non-Fibrous			ocidolite	!			Other
i		Homogeneous	j	1		1			
l			j			_i			
WBS1548-G14		Brown	Crushed	10% Ch	rysotile	<u>_</u> i		70%	Quartz
		Non-Fibrous	İ		•				Other
		Homogeneous							
L			1 .	i					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

Approved Signatory

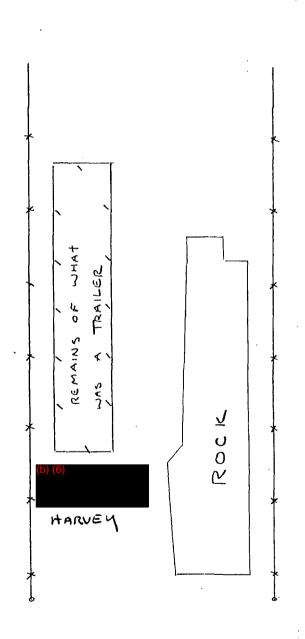
06-1733-570



Discipliners: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product MVLAP nor only egency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one 31 Leboratory is not responsible for the accuracy of results when requested to physiciply separate and enalyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



Ву <i>РМ</i>	_Date <i> -23-98</i> _	_Subject	RESTORATION	site #	1733	Sheet No	of
Chkd By	Date					Proi No	



06-1733-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

RESTORATION FORI	V	١	I	I						ı	Į	i		١)		١		١		•		į		l	l	į	ı		ł	Ì	Ì				•	•				ĺ	ĺ	ĺ		•	•	•	-		•		ļ	ľ	ľ	İ	į	i	ı						ļ	ı	l	l	į		ļ		١	١	١	١	١	١			I	l	ı				4			Ì))	,		•											ĺ	ĺ	ĺ	į				ı	į						Ī		ı		ı			•							į	ı	ļ											
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SITE#	1733
	1133

IT REPRESENTATIVE SIGNATUR	RE				06-	1733-590	
						4 = 3 2 = 0 0	
COMMENTS:							
	Site Ske	tch on B	ack of P	age			
EXTRA							<u> </u>
Topsoil (cu.yds.)			;				
Walkway Rock Inst. (sq.yds.)							-
Plastic Edging (ft.)							_
Concrete (cu.yds.)							
Sand (cu.yds.)							
Rock, Gray (cu.yds.)					Z4,00		
Rock, Brown (cu.yds.)							-
Lower Lift Sand							-
Sand Installation (sq.yds.)							
4" Concrete Installation (sq. yds.)					·		-
6" Concrete Installation (sq. yds.)							
Sod Installation (sq.yds.)							
Rock Installation (sq.yds.)					102.59		
·					QTY.	QTY.	COMP
	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.

012170

SUB 2 SIGNATURE

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE#: 1733		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	NA	<u> </u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		_
SKETCH OR COMMENTS:		
allin		vacant lot
Market 1		
TCANAN	EMBEDS: NA/	1 06-1733-540

FIELD DATA SHEET 1

Site Information:	(6) (6)
Occupant: VACANT LOT.	Interviewee
Address: (6) (6)	vey
Phone No.: (b) (6)	0
Owner Name Address and Phone No. if Different Than Oc.	cupant:
Site Description:	
Description of property (circle): single home; duple: vacant house; vacant lot, other	x; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other
3) Underground utilities installed by owner? (circle): no; septic tank; other Note location on site sketch.	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes no; If yes, note on site sketch. How deep?	don't know
Site Sketch: (b) (6) Property Property Property Sur Side Sketch: (c) (6) (d) (e)	around to grant or those (D) (6)
Estimated Volume of ACM:	
Comments: OLDE SAID HOUSE WAS Knock large truck loads of said lare lear to cover what ACM MIGHT HAVE BEC	dunped on top + grass planted
Date/Time of Interview: 12 10 94	Access Granted (circle): (yes) no
Team Members: CS DM	06-1734-510

FIELD DATA SHEET 1

Site Information:			
Occupant: Vacant	Lot	Interviewee: (b) (6)	
Address: (b) (6)		Harrey LA 76658	
Phone No.:		<i>J</i> ′	
Owner Name Address and P (b) (6) (c) (b) (6)	,	- neighbor in process	1 362-1342
Site Description:	SAYS fram	saction to be done	week- of Thank
1) Description of property (sin vacant house; vacant let;	cle): single home; dupl other	ex; business; school; dayca	are; church;
Problems accessing yards (resolution:		e; dogs; other	
Underground utilities instal septic tank; other Note location on site sketch		, water; gas; electric; cab	ole TV;
4) Is any underground ACM p If yes, note on site sketch. I		don't know	
Site Sketch:	(b) (6)		
*		Fence	Post hale 3"thick 2" deep to (b) (6)
	· · · · · · ·	X	ACN X
Estimated Volume of ACM: _			
Comments: Vacant L	ot - Corner af	(b) (6)	
(b) (6)			
Date/Time of Interview: ///	20/97 1610	Access Granted (circle)	yes; no
Team Members: GD /	<i>S</i> J		06-1734-510

Tracking	#:	7	3	4	

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property Address:	b) (6)	(4)	
State/Zip: Harvey	Phone Number(s)_	(D) (b)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
 - b. Removal of asbestos-contaminated material from the property;
 - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - c. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

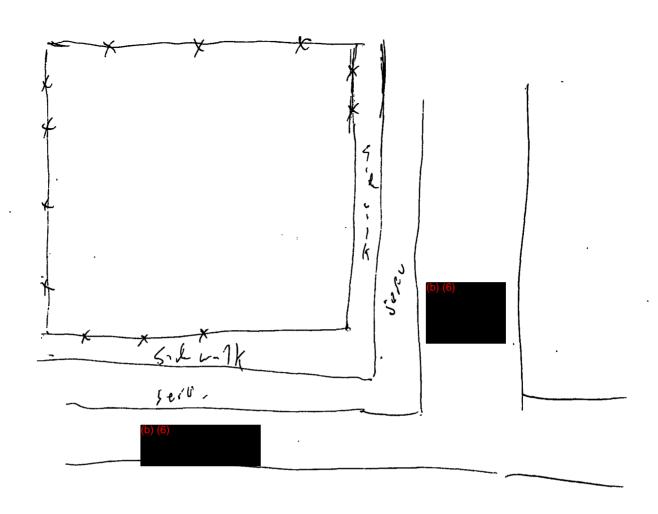
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/1/17.
DATE

SIGNATURĖ

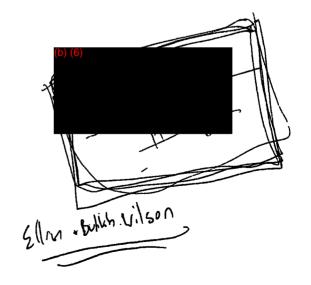
06-1734-520



Whise form down 6 months

myo that Had Armalot of deat already
renewed + replaced

with Sand-

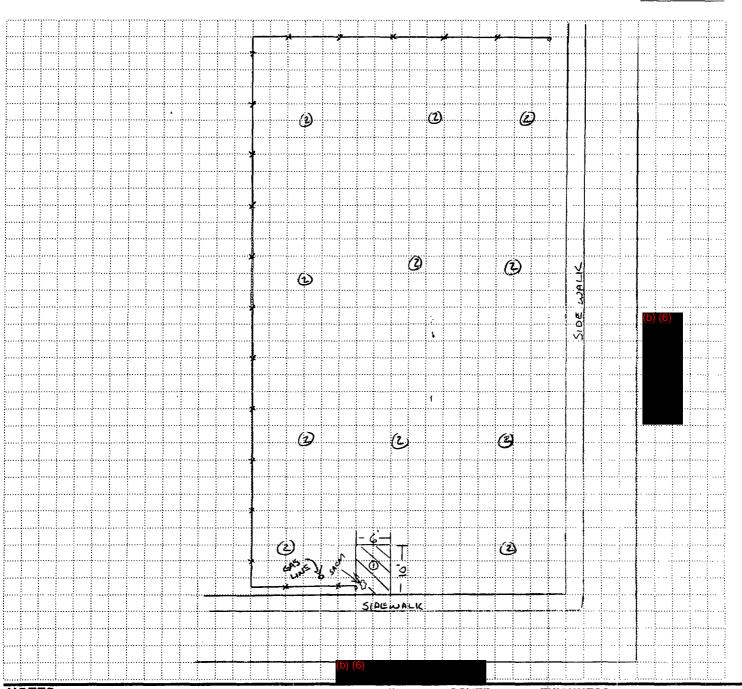


012175

TEAM: MO, PM

HARVEY

UPDATED: __/_/



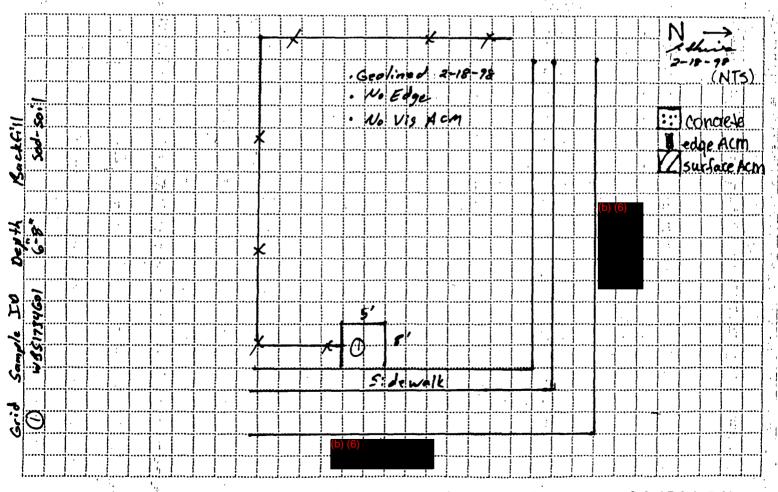
NOTES:	•	. #	COVER	THICKNES	3
V (NTS)		0	Z" SAND/	GRASS Z"	ACM
Z 		(2)	6" SAND/		
					
RESTORATION:	A: GRASS				
í	3:				
(C:				06-1734-530
ARRIVAL:					
DEPARTURE:	USACE DLW	(b) (6)			
	DECTORATION ADDRO	WED DV.			DATE 1 1/4 9

012176 # FORWARD TO IT 12/12/47

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WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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r					•	•			
FYI:	1							A Maria	\mathcal{E}^{∞}
•	44.							* 4 ;	
SITE#	1734		•		ADDRI	ESS: (b)	(6)	' ;	
:		,						• ,	
		e de la companya de l			e.			1 41	44.
								RE RECEIVED) ΛŅĎ
WERE E	VALUA	TED BY	THE USEPA S	TART TEA	MO MA	Analytic	al Received	d 2-20-9	
BASED (. NA NC	EVALUA	TION OF THE	ANALYT	ICAL DA	TA, WE	RECOMMEN	ID THE FOLLC	WING
ACTION	:	. ;	. :				.1		+.
•			GRID#:	1 2	3	4	5 6	7 8	, ; ;
A PROC	יי: עולודי	j Zasten	TORATION:	1					
11. 1100	**************************************		1010411014.						1
B. FURT	HER A	СТІОИ И	ECESSARY:						i ,



AUTHORIZED EPA/START REPRESENTATIVE John 7 Shires

06-1734-560

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Jody Shires

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, February 20, 1998

Ref Number: IN98480

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBI	ASBESTOS		NONASBI		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBRO
WB\$1734G01_	0) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				Quartz Other
WB\$1803G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	nrysotile	1			Quartz Other
WB\$1756G01		Brown Non-Fibrous Homogeneous	Crushed	:	nrysotile rocidolite				6 Quartz 6 Other
WBS1428G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ci	nrysatile rocidolte	ļ			6 Quartz 6 Other
WB\$1684G01		Brown Non-Fibrous Homogeneous	Crushed	. 2% CI	hrysotlle rocidolite				6 Quartz 6 Other
WBS1788G01		Brown Non-Fibrous Homogeneous	Crushed	; N	one Detected	, 1 4 1			% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jáne Wasilewski

Analyst

Approved
Signatory

06-1734-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the lite may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product. All "INVLAP" reports with NVLAP logo must contain at least one Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered sample. Analysis padarment by EMSL of Indianannia (NVLAP All and Bulk #200188-0).

pedormen by EMSC of Indianaphilia (NVI AP AIT and Hulk #



By _______ Date _______ Subject ______ Steet No._______ of _________ Chkd. By _____ Date _______ Proj. No. _______

HARVEY VACANT LOT

06-1734-590

WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					7.∞		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)			·				
Sand Installation (sq.yds.)					7,°°		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)		-					
Sand (cu.yds.)					Z. ⁵⁰		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA					l		·
	Site Ske	tch on B	ack of F	age	•		
COMMENTS:							
					06-	1734-590	
IT REPRESENTATIVE SIGNATU SUB 1 SIGNATURE	KE			· · · · · · · · · · · · · · · · · · ·			

012180

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/3/98 SITE #: 1734		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	NA	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
Jan Jan Jan Jan Jan Jan Jan Jan Jan Jan		mumt Sot
TEAMAG	4.DED0.	/T/a/ 06-1734-540

012181

TEAM MEMBERS:

Fracking Number _	1735
-	

FIELD DATA SHEET 1

Site Information:
Occupant: (b) (6) Interviewee:
Address: Harray LA 79\$58
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant:
SAME
(CALL BEFORE NOON) WORKS OUT OF TOWN
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water, gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch: Seattlevel Sacure
Estimated Volume of ACM:
Comments: Acm in Servitude, broken pieces resulting from recent diaging to install concrete driveney to new house
Date/Time of Interview: ///20/97 /605 Access Granted (circle): (yes;) no 1-5-97 PM
Team Members: 60 / 5J 06-1735-510

CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property Address:(b) (6)	HARVEU	
State/Zip: LA. 70058	_Phone Number(s ^(b) ⁽⁶⁾	_

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
 - Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and a. trucks) on the property;
 - Removal of asbestos-contaminated material from the property; b.
 - Replacement of removed asbestos-containing material with a like-material (i.e., c. clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
 - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
 - The taking of other actions necessary to migrate releases or threats or releases of c. hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

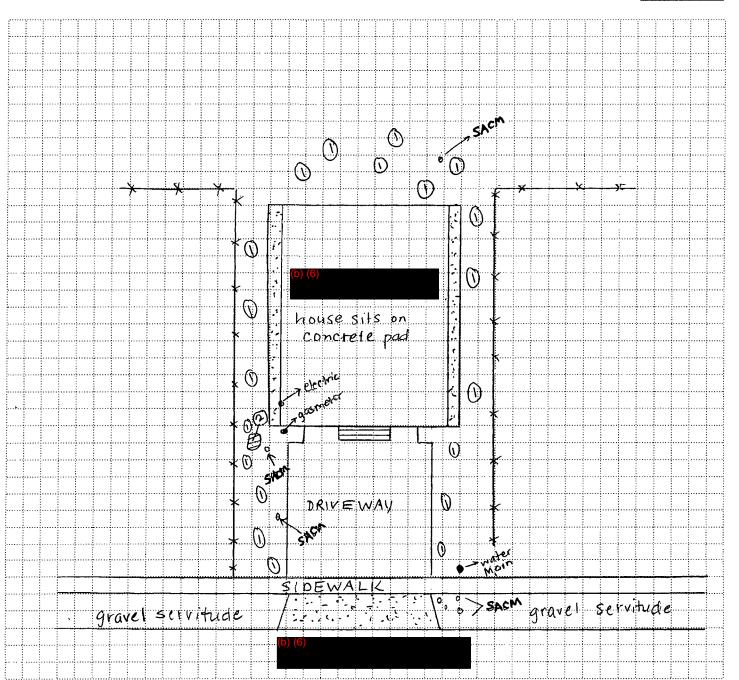
06-1735-520 SIGNATURE

DATE

HIMSELF TO BE THE OWNER AND

PM

UPDATED: / /



NOTES	house is only several months old
N (NTS)	house is only several months old lot was razed by construction company
	found screral scattered chunks on
	lot and one underground a'xa' area

#	COVER	THICKNESS	
1	Sand	NO ACM	
2	Sand 3-4"	2"	

RESTORATION: A: Sand

B: C:

06-1735-530

ARRIVAL: 1003 **DEPARTURE:**

RESTORATION APPROVED BY:

V. A PHONE DATE: 1/14/98

JM 1/9/90

1/14/98

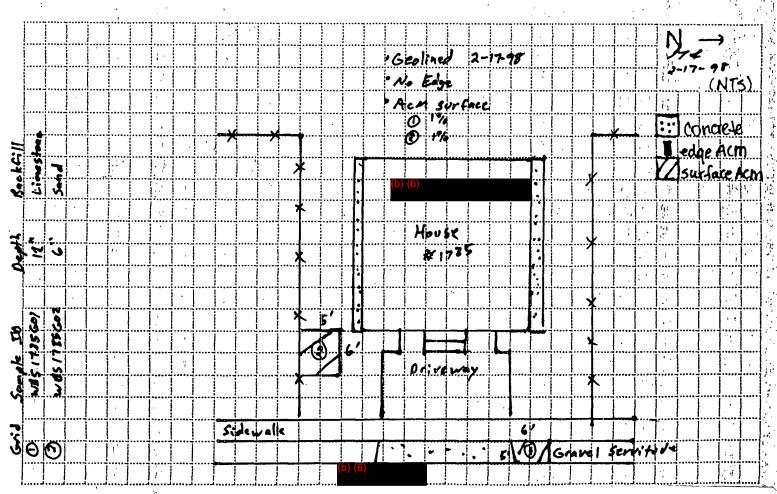
WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			3) 3)		
SITE/	1735		ADDRESS: (b)	(6)	
·: ; =		•			, (s,
			;		1 24 s

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>Analytical Received</u> 2-19-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





06-1735-560

AUTHORIZED EPA/START REPRESENTATIVE

ATIVE lody 7 Shier

MSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Thursday, February 19, 1998

Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Ref Number: IN98472

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE ASBESTOS			NONASBESTOS			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$1551G03	(b) (6)	Brown	Crushed	< 1% Ch	rysotile	1		70%	Quartz
!		Non-Fibrous	i	< 1% Cro	cidolite	1		30%	Other
1		Homogenaous	1	÷		•			
i		_	ι						
WBS1779G01		Brown	Crushed	< 1% Ch	rysotile				Quartz
•		Non-Fibrous	•					60%	Other
:		Homogeneous	!	:					
<u>i</u>			1 ,			:			
WB\$1779G02		Brown	Crushed	< 1% Ch	rysotile	:		40%	Quartz
1		Non-Fibrous		: < 1% Cro	-			60%	Other
!		Homogeneous	1			•			
i.			:	;		:			
WBS1735G01		Brown	 iCrushed	< 1% Ch	rvsotile			40%	Quartz
1		Non-Fibrous	iOldaned	4 1% Cro	•	ł			Other
4		Homogeneous	i •	- 174 074	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	:			,
į		110111090116000	•1	1		_			ļ
		•						. 40	
WBS1735G02		Brown	Crushed		rysotile				Quartz
!		Non-Fibrous		< 1% Cro	ocidolite			307	Other
;		Homogeneous							
: .			,						
WBS1700G01		Brown	:Crushed	< 1% Ch	-				Quartz
i	1	Non-Fibrous	1	< 1% Cro	ocidolite			60%	Other
j	Ŧ	Homogeneous	1	1					ļ
:			. 1		7				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Entered 2120/18

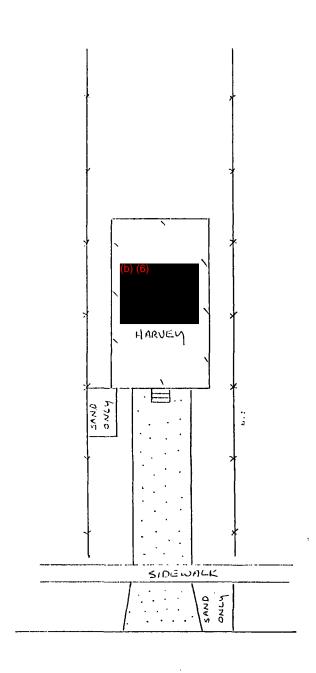
Approved Signatory

06-1735-570

Disclaimers: PLM has been known to mas asbestos in a small percentage of semples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the Ren may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim productive nor any agency of the United States Government. All "INVLAP" reports with NVLAP logo must contain at tests one at Laboratory is not responsible for the occuracy of results when requested to physically separate and analyze layered samples. Printings partners by CMSL of the above tests and analyze layered samples.







06-1735-590

WESTBANK ASBESTOS ABATEMENT

7	FS	TO	RA	T	IOI	V	FO	RM	
١.									

SITE # 1735

	DATE	DATE	DATE	DATE			
				· · · · · · · · · · · · · · · · · · ·	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							ļ
Sand Installation (sq.yds.)					12.52		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					4,82		
Concrete (cu.yds.)				<u> </u>	•		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)		-141-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-					
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
							

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

012188

06-1735-590

WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE#: <u>1735</u>		ADDRESS:
ACM LOCATED BENEATH: APPR. CRAWL SPACE HEIGHT:	Hous shed	E
DESCRIPTION OF ACM: PERCENT OF AREA (ACM)	CHUN POWE SLAB	KS DER
SKETCH OR COMMENTS:		,
CHUNKS OF ACM (b) (6)	POSS 1818 ACM	skieting around louse
		06-1735-540

TEAM MEMBERS:

	Tr	acking Number	1736
FIE	LD DATA SHEET 1	(b) (6)	
Site Information:		Huerren	College Call
Occupant: Incant Lot	Interviewee:		
Address: (b) (6)	Harvey	LA	
Phone No.:	J	(1)	
Owner Name Address and Phone No. if Different TI	han Occupant: (b) (6)	(0) (0)	
Site Description:			
Description of property (circle): single home; vacant house; vacant lot; other	duplex; business; school	ol; daycare; church;	
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other		
3) Underground utilities installed by owner? (circle): septic tank; other	no; water; gas; elec	etric; cable TV;	
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know		
Estimated Volume of ACM: Comments: next door to (b) (6)	× ×	Secu. X	(b) (6)
Data/Time of Interviews 4/-4/47	(4/0)	tod (airola)	
Date/Time of Interview: ///20/97 /	640 Access Grant	ted (circle): yes; no	<i>5</i> 10

Resident Contact Log Owner

Residence Number: 1736		
Property Address:	Harvey LA	
Owner Name: [.		_
Current Location/Phone/Fax:		_

M/P/W	Date	Time	Init.	R/I	Comments	Status
		,				
			į e		,	•
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						•

M=Meeting; P=Phone Call; W=Fax or Written

Init-Your Initials

R=Received; I=Initiated Communication
Comments: Briefly discuss purpose/reference other forms or documents that, may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

UPDATED: __/_/ 0 VACANT **(1)** LOT <u>8</u>  $\bigcirc$ 20 SIDEWALK NOTES: COVER **THICKNESS** >6" SAND/GRASS 6" ROCK/SHELL SACM N (NTS) RESTORATION: A: SAND/GRASS **ARRIVAL:** 06-1736-530 **DEPARTURE:** RESTORATION APPROVED BY: OSCIACE TOW DATE: 5 126 198 OWNER UNKNOWN OWNER DATE: 5 120198 TEAM: TW DATE: 5/18/98

TO IT DATE: 5 1201 98 8 012192

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	(b) (6)
SITE# 1736	ADDRESS WHOLE LOT
	HARvey, La
THE SAMPLE ANALYSIS RESULTS FOR THE A WERE EVALUATED BY THE USEPA START TE	BOVE REFERENCED SITE WERE RECEIVED AND AM ON No 424 11998
ACTION:	CICAL DATA, WE RECOMMEND THE FOLLOWING
GRID#: 1 2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
A. PROCEED WITH RESTORATION: $\sqrt{}$	
B: FURTHER ACTION NECESSARY:	
GEOLINED: 4.9.98	
.   .   .   .   .   .   .   .	
STIL SAMPLY DOPTH BACKFULARIA	NTS
161 WES136601 12" Cat Soil mad	
\$2 \$ DONE 6\$\$1	
	V Exce 3
(b) (6)	
J. 10 →	1 6 3
5.40	K / W ?
	1 6100
68A4   6rael Serv = 25'-	
AUTHORIZED EPA/START REPRESENTATIVE_	06-1736-560

# EMSL Analytical, Inc.

055V E. 73th St., Skind 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-589 EMSI

Attn.: Chrls Sansome **Ecology at Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, June 12, 1998

Ref Number: IN981904

#### POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/114 Method*

Project: 020601 WESTRANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASSESTOR % Type	*	MONASSESTOS FERIOLIS %	NONFIBROUS
WB\$1736G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		= - :	Quertz Cother
WBS1738Q02		Brown Non-Fibrous Hornageneous	Cruehed	None Detected			6 Quertz 6 Other
WB\$1751G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			Guertz 6 Other
WB81751G02		Brown Non-Fibrous Homogeneous	Cruelted	None Detected			6 Quertz 6 Other
WB81731G01		Brown Non-Fibrous Homogeneous	Cruehed	None Detected			6 Quartz 6 Other
WB81791G02		Brown Non-Fibrous Homogeneous	Crushed	None Datasted			6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately. Also, "W of Layers" refers to number of separable subsemples.

* NY samples also enalyzed by ELAP 198-1 Method

Analyst

Approved Signatory

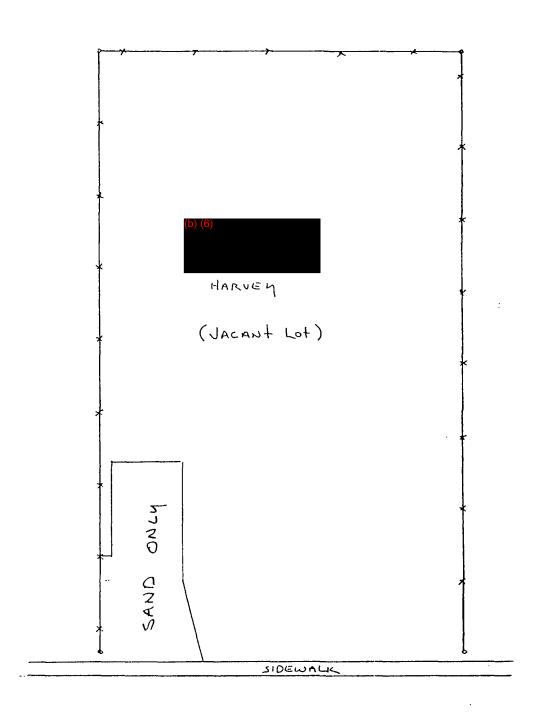
06-1736-570

Analysis performed by EMBL Indignapolis GNVLAP Air and Bulk #200188-0.)







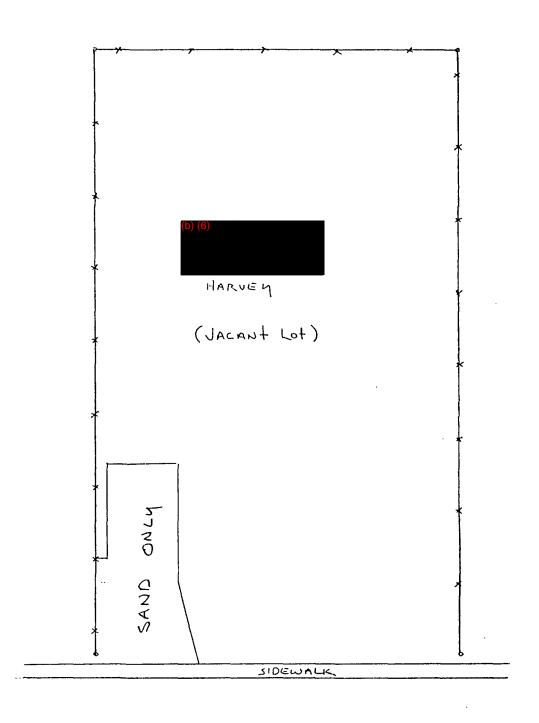


06-1736-590





THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN TO THE PERSON NAMED IN COLUMN T



06-1736-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM	R	ES	TO	RA	71	ON	FO	$R\Lambda$	1
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SITE# 1736

. ·	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					· · · · · · · · · · · · · · · · · · ·		
6" Concrete Installation (sq. yds.)							·
4" Concrete Installation (sq. yds.)			·				
Sand Installation (sq.yds.)					8Z.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							·
Sand (cu.yds.)					34.5		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						ı	
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:		····					
						<del></del>	<del></del>
			·		06-	-1736-590	
IT REPRESENTATIVE SIGNATUR	RE _	·	<del></del>	·····			
SUB 1 SIGNATURE <u>012197</u>							

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE #: <u>/736</u>		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	<u> </u>	<u>-</u>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
A Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine Marine		vacant lat
TEAM MEN	BERS: DA/S	06-1736-540

Tracking Number	1737
1140111115 114111001	

#### FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: (b) (6)	200 LA 70072
Phone No.: No Phone	
Owner Name Address and Phone No. if Different Than	Occupant:
(5) (6)	
Site Description:	
Description of property (circle): single home; du vacant house; vacant lot; other	pplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; g     resolution:	ate; dogs; other
3) Underground utilities installed by owner? (circle): r septic tank; other  Note location on site sketch.	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; n If yes, note on site sketch. How deep?	o; don't know
Site Sketch: (b) (6)	
b) (6)  House  X  X  X  X  X  X  X  X  X  X  X  X  X	Shed &
Estimated Volume of ACM:	
Comments:	
Date/Time of Interview: 11/21/97 14/	Access Granted (circle); 'yes; no
Team Members: GD /S/	07-1737-510

Tracking #:	.1737
-------------	-------

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:  Property Address: (b) (6)	Bo Marrara
Property Address:	Phone Number(s)(6) (6)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

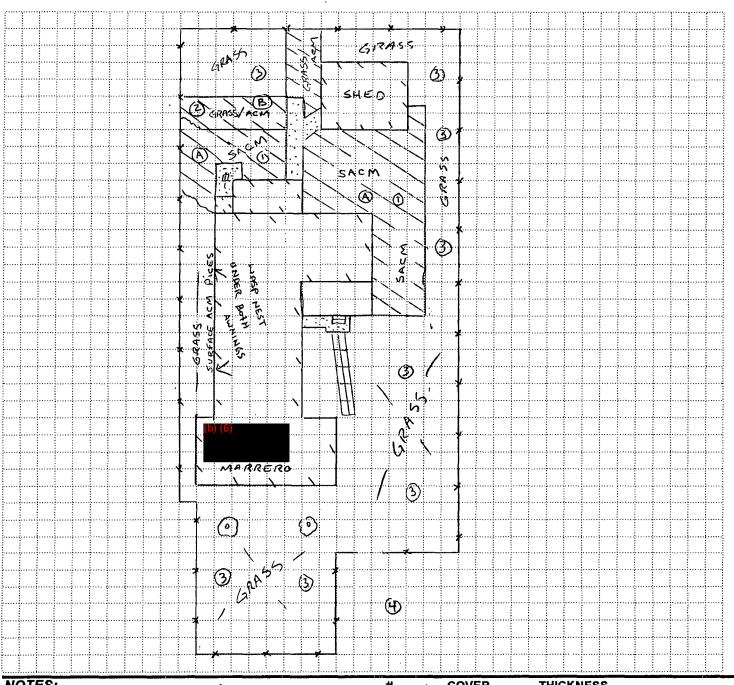
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

11/21/97 DATE (b) (6)
SIGNATURE

012200

07-1737-520

UPDATED: //



NOTES: N (NTS) 45

RESTORATION: A: CONCRETE (458 54FT)

B: GRASS C:

COVER THICKNESS 4" + FAIR COND. SURFACE ACM 4 + ACM 1"-2" GRASS SOIL GRASS (3) NO ACM GRASS / GRAVEL NO ACM

07-1737-530

**ARRIVAL: DEPARTURE:** 

RESTORATION APPROVED BY

DATE: 116196

TEAM: MD, PM JM 12/15/97

DATE: 12/9/97 TO IT 1-6-98

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE#	1737	ADDRESS: (b) (6)	
_	·	MARRIER LA.	

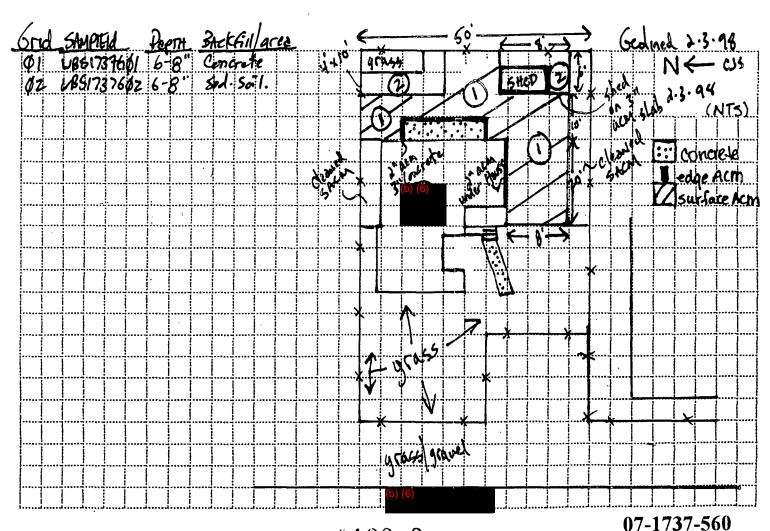
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Addition to 12.3.98

** analytical received 02.05.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ 



012202

2202

AUTHORIZED EPA/START REPRESENTATIVE ____

B. FURTHER ACTION NECESSARY:

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

3175705894

Thursday, February 05, 1998

Database is 100000

Ref Number: IN98330

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

0.445, 5			SAMPLE		<u>ESTOS</u>		NONASBI	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	%	NONFIBROUS
WB\$1737-G01	(6)	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected	; ;			Quartz Other
·		•	اا		) <del>(                                   </del>	. <u></u>			
WBS1737-G02		Brown	Crushed	< 1% Ch	rysotile	<b>-</b> 1 · · ·		80%	Quartz
: :		Non-Fibrous	İ	< 1% Cr	ocidolite			20%	Other
i		Homogeneous				į			
L ;			i						:

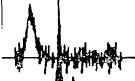
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Marguet & Philips Margaret Phillips Analyst

Approved Signatory

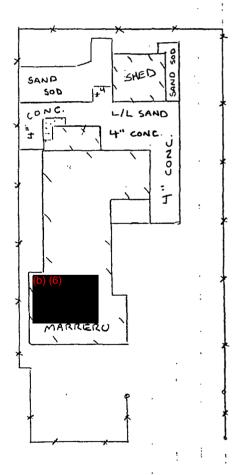
07-1737-570



Disclaimers: PLM has been known to miss aspestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wippes should be tested with either SEM of PLM. The above test report relates only to the item any only be improduced in full with written approved by FMS). The above test must not be used by the client to claim product. NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one at Labovatory is not responsible for the accuracy of results when requested to physically separate and analyze layered sample.



Ву <i>РМ</i>	Date <del>Z-4-98</del> _	_ Subject_	RESTORATION	SHE #	1737	Sheet No	of
Chkd. By	Date					Proj. No	



07-1737-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# 1737

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)	·		ı		23,00		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					55.5		
Sand Installation (sq.yds.)			· · · · · · · · · · · · · · · · · · ·		23.**		
Lower Lift Sand					55.5°		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					12.00		
Concrete (cu.yds.)					6.81		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
EXTRA							
	Site Ske	tch on B	ack of P	'age			
COMMENTS:					<del>, , , , , , , , , , , , , , , , , , , </del>		<del></del>
		· · · · · · · · · · · · · · · · · · ·					
		<del></del>			07	7-1737-590	
IT REPRESENTATIVE SIGNATUR	RE .						
SUB 1 SIGNATURE							

012205

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-24-98 SITE #: 1737	ADDRESS:
ACM LOCATED BENEATH:  APPR. CRAWL SPACE HEIGHT:	HOUSE SHED
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:	5%
	THE BACK OF HOUSE SLAD Appax. 6-8" Thick.
TEAM MEI	MBERS: ASB/PCC 07-1737-540

#### FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: (b) (6)	
Phone No.:	
Owner Name, Address, and Phone No. if Different T	Than Occupant:
Same	
Site Description:	
Description of property (circle): single home;     vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
Underground utilities installed by owner? (circle):     septic tank; other     Note location on site sketch.	•
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. Flow deep?	no; don't know
Site Sketch:	X
1 Shall I	tionse (b) (6)
	1 1 1
Shoot	Drivenay.
Estimated Volume of ACM:	
Comments: Check Carport of No Visible AC	on side of duplex
Date/Time of Interview: ///2//97 /	Access Granted (circle): yes; no
Team Members: GD / SJ	07-1738-510

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/23/98 SITE #: 1738	ADDRESS Manero
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	s/ab
TEAM MEMBERS	107-1738-540

	Tracking Number	1739
--	-----------------	------

#### FIELD DATA SHEET 1

Site Information:
Occupant: Vacant Lot Interviewee:
Address: MACANT 10T Corner of (b) (6)
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  RECHECKED 5/15/98 - CS & PL  NO ACM PRESENT  ALSO RECHECKED 5/17/98- JW  NO VISIBLE ACM  CHUNKS  S/17/98  M.T. B. B.C.
Estimated Volume of ACM:
Comments: (b) (6)  Aem on Direct road Connect my
Date/Time of Interview: 11/21/97 1345 Access Granted (circle): yes; no
Team Members: GD /5J\$ 06-1739-510

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-21-98 SITE#: 1739		ADDRESS: Vacant wt
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
/ TEAM N	IEMBERS: TS/	DA 06-1739-540

Tracking Number	1740
Trucking Trumber	<u> </u>

#### FIELD DATA SHEET 1

Site Information:

Occupant: Interviewee:
Address: (6) (6)  HARUEY 11 7458
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. Flow deep?
Site Sketch:
(b) (6)
SACM
<u>*</u>
Estimated Volume of ACM:
Comments: SACM by the front Steps
Date/Time of Interview: 11/21/97 /355 Access Granted (circle): (yes,) no
Team Members: 40 /50 06-1740-510

•	1-7 1
Tracking Number _	1740

#### FIELD DATA SHEET 1

Si	•				-M	14 ER	_			•						
1 /		nforn	1ation (b) (c		1		/	dos o	J 13.		Inton	viewee:	(b) (6	)		
-	Addre	pant:	(b) (6)					(b)	1 ().	<del>-/-</del>	<u></u>	viewee:	7	J 00		
┝				(b) (6	6)					RUE	Υ ,	AA		\$\$58		
17	) ( <mark>q)</mark>	e No.:	Addr	 ess an	d Pho	ie No. i	if Diff	erent T	Than Oc	(b) (6) c						معور
Si	te [	)escri	ption	:												
1	) De va	scriptio	n of pruse; v	operty vacant	(circle lot; o	i):	ngie k	ome;	duple	c, bi	ısiness;	schoo	ol; o	daycare	; cl	nurch;
2		oblems solution					locked	l gate;	gate;	dog	s; oth	er				
3	sep	dergrou otic tank to locat	c; ot	her		by ow	ner? (d	circle):	no;	wate	r; gas	s; elec	tric;	cable	TV;	
4		ny und							no;	don't	know					
s	ite S	ketch:						(b) (6)								
		×									t				Jsa Jsa	CM)
		nted Vo		f ACM	:b	y d	ne	€,	ont	- S1	eps					

Tracking #:	740
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# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property Address:	
State/Zip: HARVEY, La	Phone Number(s)
,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/10/97 DATE

SIGNATURE/

06-1740-520

SITE SKETCH ADDRESS:

HARVEY

UPDATED: __/_/ Ġ (4) 4 Θ HARVEY (3) (2)

	<b>NOTES</b>	•
1	N (NTS)	
	<del>Z</del> <del>S</del>	

#	COVER	THICKNESS	
0	2" SHELL	2°-4" ACM	
2	Z" GRASS	2"-4" ACM	
3	2º3" GRASS	2-3° ACM	
(9)	6" GRASS		

RESTORATION: A: LIME STONE

B: GRASS

06-1740-530

**ARRIVAL:** DEPARTURE:

**RESTORATION APPROVED BY:** 

VIA PHONE DATE: 1/6/98

TEAM: MD, PM JM 12/15/97

DATE: 12 / 12 / 97 TOIT 1-6-98

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

	•							
FYI:							:	
SITE#	1746	,	•	ADI	DRESS:	(b) (6)		Ī
-	1190			7102			• .	
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			USEPA STAR				RE RECEIVEI	J AND
ovano O.	NT A NT 1737	4 T T I 4 T I (	OF THE AND		ר אידא זעד	DECOMMEN	D THE EQUA	NUNIO.
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		G	RID#: 1	2	4	5 6	7 8	
A. PROCI	EED WITI	I RESTORA	TION:	//	$\perp$ $_$			
ם בנוסדו	1171 <b>7</b> . A CYTH	ONINUCER	CADV.					
		ON NECES			<del>-</del>			
Jisil	de AM	hichlighted	d below (	and (E)	<del>(</del> )			
Bec	lited i	- 9-98	1000		/ <b>X</b>	X	TIN	
Grid	Sample I	<u> </u>	Budgil Area					د شور ر
WBS 174	77	1) UEPIN	limestone do					(NIS)
WB\$ 174	=	6"	Sollsoil york				:: cc	nciete
					(b) (6)		* 1	e Acm
							KZ su	rface Ac
							X	
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					D)		X	
					D)		X	
							X	

AUTHORIZED EPA/START REPRESENTATIVE

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Tuesday, February 24, 1998

Ref Number: IN98502

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

**Project: 020601 WESTBANK ASBESTOS** 

				CAMBIE	A\$BI	ESTOS		NONASB	ESTOS	
	SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	<b>%</b>	FIBROUS	%	NONFIBROUS
	WBS1644G01	(b) (6)	Brown .	Crushed	2% Ch	rysotile	j	•		Quartz
			Non-Fibrous Homogen <del>c</del> ous	<u> </u>	< 1% Cn	ocidolite	<u> </u>	<b></b>	20%	Other
	WB\$588G01		Brown	Crushed	1% Ch	rysotile			78%	. Quartz
			Non-Fibrous Homogeneous	i	1	ocidolite	i i		20%	Other
				· · · · · · · · · · · · · · · · · · ·			*			
`	WBS1740G01		Brown	Crushed	No	one Detected	ļ			Quartz
			Non-Fibrous Homogeneous	!	l i		İ		20%	6 Other
			•• ••		·					•
`	WBS1740G02		Brown	Crushed	No	one Detected				6 Quartz
			Non-Fibrous	1			Ì		20%	Other.
	t .		Homogeneous							
	l ·		• •-	l	<u></u>					
	WB\$1676G01		Brown	Crushed	No	one Detected				6 Quartz
			Non-Fibrous Homogeneous						20%	6 Other
	hanson a ranson man			A anatom,	1	•				
	WBS1676G02		Brown	Crushed	< 1% C	rysotile	<del></del>		80%	6 Quartz
		i	· Non-Fibrous		< 1% Cr	•	•			6 Other
			Homogeneous	1	1					

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Note: SAMPLES WITH ** HAVE NO MASTIC

Margaret Phillips
Analyst

Approved Signatory

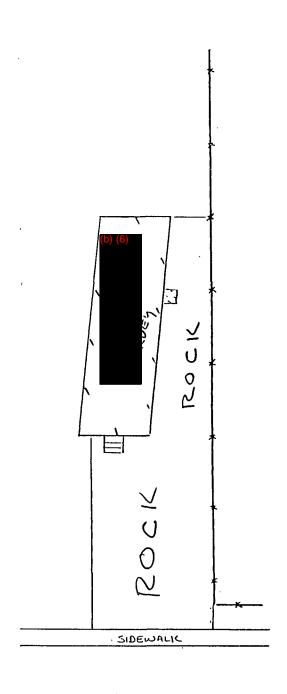
06-1740-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be gueranteed. Floor titles and wipes should be tested with either 6EM or TEM. The above test report relates only to the item may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim productively not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one staboratory is not responsible for the accuracy of results when requested to physically separate and enalyze leyered sample. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200186.0).



By_PM_	Date 2-20-98	_Subject	RESTORATION	SIFE #	1740	Sheet No	of
Chkd By		,				Proi No	



06-1740-590

# WESTBANK ASBESTOS ABATEMENT.

SUB 1 SIGNATURE

SUB 2 SIGNATURE

R	FS	$T\Omega$	RΔ	TIO	N	FO	RM
	ᆫ	$I \cup I$	`	IIV	1 W .		

SITE# 1740

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					148.00		
3od Installation (sq.yds.)							
3" Concrete Installation (sq. yds.)			<u> </u>				
t" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					40.∞		
Sand (cu.yds.)							
Concrete (cu.yds.)					•		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	lack of F	Page			
COMMENTS:							
IT REPRESENTATIVE SIGNATU	RE				06-174	10-590	

DATE: <u>9/4/98</u> SITE #: 1740		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:  DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:		=
PQQ		
		06-1740-540

012219

TEAM MEMBERS:

Tracking Number _____/74/

ite Information:	
Occupant: (b) (6)	Interviewee:
Address:	HARUEY DA 70058
Phone No.:	
Owner Name, Address, and Phone No. if Different	t Than Occupant:
TAX) (6)	westwago
	3-
ite Description:	
Description of property (circle): single home vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate resolution:	e; gate; dogs; other
3) Underground utilities installed by owner? (circle septic tank, other	
4) Is any underground ACM present? (circle): ye If yes, note on site sketch. How deep?	
Site Sketch:    Itsue	KM — O
	(b) (6)
Estimated Volume of ACM:	- ADA MAN AN CONTRACT
Comments: SACM in the gras	ssy AREA next to cometary
Date/Time of Interview: 11/21/97	1400 Access Granted (circle): yes; no
Team Members: AD / 5J	06 1741 510

Tracking #: 174]

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property Address: (b) (6)	Harvey
State/Zip: LA 70058	Phone Number(s) $Q_{12} \not\triangleq (6)$
1	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1-24-98 DATE

**SIGNATURE** 

SITE SKETCH ADDRESS: TRACKING # _ 174/ UPDATED: / / Vone W) Big does is chief up NOTES: **THICKNESS** RESTORATION: A: grass/soil 06-1741-530 ARRIVAL: 0945 DLW 3/14/48 RESTORATION APPROVED BY: DEPARTURE: 10/5 DBY: By phone DATE: 3120198

DATE: 31/7198

(12222

To IT sholas AR) TEAM: SJ /DA

# WESTBANK ACM RUMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI: .	ţ				, ,			, d , , , ,	
SITE#	1741	A.		ADDRESS: (6) (6)	ţ		1!		
•		•		Ha	rveu	LA		, ; 1 ; " [·	i

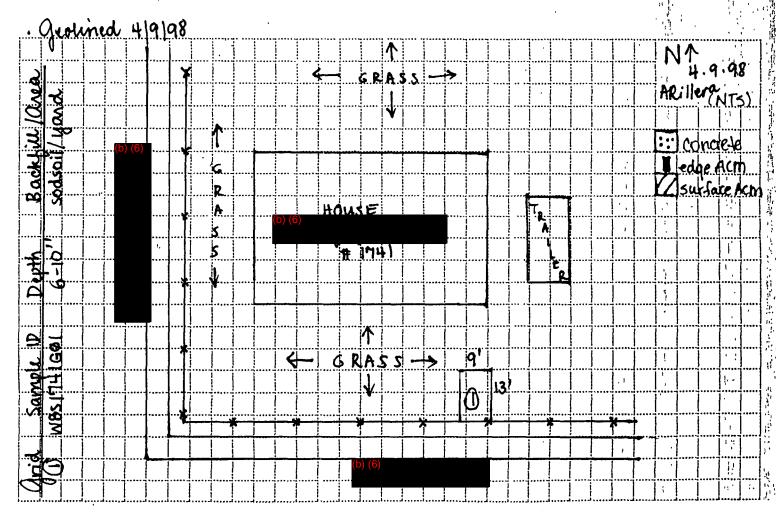
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Leccion 4-15-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 3 4 5 6 7. 8

A. PROCEED WITH RESTORATION: ______

B. FURTHER ACTION NECESSARY:



06-1741-560

AUTHORIZED EPA/START REPRESENTATIVE

**EMSL** 

### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

**Ecology & Environment** 11550 New Castle Avenue

Suite 250

04/15/1998 16:09

Baton Rouge, LA 70816

Wednesday, April 15, 1998

Ref Number: IN981076

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBI	<u>ESTOS</u>		NONASBI	STOS	!
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS		NONFIBROUS
WBS1741G01	(b) (6)	Brown Non-Fibrous Homogeneous	Grushed	No	ne Detected				Quartz Other
WBS1178G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				Quartz Other
WBS1178G02		Brown Non-Fibrous Homogeneous	· Crushed	: < 1% Ch	rysotile				Quartz Other
WB\$1389G01		Brown Non-Fibrous Homogeneous	Crushed	: < 1% Chi	rysotile				Quartz Other
WB\$1748G01		Brown Non-Fibrous Homogeneous	Crushed	. No	ne Detected				Quartz Gypaum
WB\$1748G02	!	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	rysotile				Quartz Gypsum

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski

**Analyst** 

Disclaimers PLM has been known to miss especies in a small percentage of samples which contain asbestos. Thus negative P be guerenteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the flome timay only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product or NVI AP nor any spency of the United States Government. All "NVLAP" reports with NVLAP lugu must contain at least one signal Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered comples Analyzis perfixmed by EMSL of Indianapolis (NVLAP Air and Butk #200188-0).

06-1741-570

Approved

Signatory





Ву_ РМ	Date <u>_4-16-98</u>	_Subject	RESTORATION	SIFE	1741	Sheet Noof	: 
Chkd By	Date					Proi No	

(b) (6)

HARVEY

(b) (6)

06-1741-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

RE	3	TO	RA	TI	ON	I FO	RM
----	---	----	----	----	----	------	----

	DATE	DATE	DATE	DATE			
-			_		EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)	:						
Sod Installation (sq.yds.)			<u></u>		10."		
6" Concrete Installation (sq. yds.)			<u></u>				
4" Concrete Installation (sq. yds.)	:					,	
Sand Installation (sq.yds.)	. :				10.89		
Lower Lift Sand			-				
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							-
Sand (cu.yds.)	,				2.50		
Concrete (cu.yds.)			ļ				
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of F	Page			:
COMMENTS:					·		
	1						
IT DEDDECENTATIVE CIONATU	DE				06-1	741-590	
IT REPRESENTATIVE SIGNATU SUB 1 SIGNATURE	KC	(	1222	6			·····

DATE: <u>9/3/98</u> SITE#: <u>1741</u>		(b) (6) ADDRESS	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	12"	±-	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
Donald Market Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the Contraction of the		partially	skrites
	A 1	las i	06-1741-540

012227

TEAM MEMBERS:

Site Information:	
Occupant:	Interviewee:
Address: (b) (6)	Westwego LA 74694
Phone No.: (b) (6)	(b) (6) (trestignal)
Owner Name, Address, and Phone No. if Different	
Same	
Site Description:	
Description of property (circle):     vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate resolution:	; gate; dogs; other
3) Underground utilities installed by owner? (circle) septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes If yes, note on site sketch. How deep?	; no; don't know
Estimated Volume of ACM:  Comments:	Convite Garage  Side walk  Grass Serv.
Date/Time of Interview: 12/12/97 0915	Andrew Countries (criminal contribution)
01/1	Access Granted (circle): (yes;) no
Team Members: UJ5	09-1742-510

Tracking	#.	7	47	)
Tracking	#		1 -	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (6)		
Property Owner's Name:	_		
Property Address:		(h) (6)	
Property Address:State/Zip:VILYWUYO	Phone Number(s)_	(5) (6)	
	•		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12 12 97 DATE SIGNATURE

012229

09-1742-520

DATE: 9/22/98 SITE#: 1742		ADDRESS: Wartwego	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		<del>-</del>	
SKETCH OR COMMENTS:		<del></del>	<u> </u>
TO PLAN.			
TEAM ME	EMBERS: 22 C	09-1742-5	540

012230

DATE: 9/23/98 SITE#: 1742	ADDRESS: Westwego
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
No sum	
TEAM MEMBER	s: TS & Ew 09-1742-540

012231

Site Information:	
Occupa	Interviewee:
Address	
Phone N	
Owner Name, Address, and Phone No. if Different	t Than Occupant:
Site Description:	
1) Description of property (circle): single home vacant house; vacant lot; other	; duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate resolution:	e; gate; dogs; other
Underground utilities installed by owner? (circle septic tank; other Note location on site sketch.	e): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): ye If yes, note on site sketch. How deep?	s; no; (don't know)
Site Sketch:	SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD  SHUD
Estimated Volume of ACM:	
Comments:	
Date/Time of Interview: 13 11 97	Access Granted (circle): yes; no
Team Members: CJG OM	07-1743-510

DATE: 9-23-98 SITE #: 1743		ADDRESS:	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)	0%	<u> </u>	
SKETCH OR COMMENTS:			
NO ACM	Ho	005E 010 5LAB	
TEAM MEN	ADEDS: ITY	+ A.T. 07-1743-540	₹

612233

	1744
Tracking Number	/ / / /

Site Information:		
Occupant: (b) (6)	Interviewee:	
Address:	BRIDGE	CITY 70094
Phone No.:		
Owner Name, Address, and Phone No. if Different Than Occ	cupant:	
SAME		
Site Description:		
Description of property (circle): single home; duplex vacant house; vacant lot; other	c; business; school; da	ycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other	
3) Underground utilities installed by owner? (circle): no; septic tank; other  Note location on site sketch.	water; gas; electric;	cable TV;
4) Is any underground ACM present? (circle): yes; no; If yes, note on site sketch. How deep?	don't know	
Estimated Volume of ACM:  Comments: Preme Recover 17211		
NO	V15	
Date/Time of Interview:	Access Granted (circ	ele). yes; no
Team Members: DM/AA		04-1744-510

DATE:	8/11/98		ADDRESS: (b) (6)
SITE#:	1744		Bridge City, LA
			,
			,
ACM LOCA	ATED BENEATH:	HOUSE SHED	
APPR. CR.	AWL SPACE HEIGHT:		<del></del>
DESCRIP1	TION OF ACM:	CHUNKS POWDER SLAB	
PERCENT	OF AREA (ACM)		
SKETCH C	OR COMMENTS:		
	v.		
	NOACIN		
			·
			04-1744-540

612235

TEAM MEMBERS: GD/JS

Site Information:	-	
Occupant:	Interviewee:	
Address: (b) (6)	GRETNA L	A 7\$\$53
Phone No.:		
Owner Name Address and Phone No. if Different Than Occupation (6) (6)	it:	
Site Description:		
Description of property (circle): single home; duplex, vacant house; vacant lot; other	business; school; daycare;	church;
Problems accessing yards (circle): locked gate; gate; do resolution:	ogs; other	
3) Underground utilities installed by owner? (circle): no; was septic tank; other  Note location on site sketch.	ter; gas; electric; cable	ΓV;
4) Is any underground ACM present? (circle): yes, no; don' If yes, note on site sketch. How deep?	t know	
Site Sketch:  Apr 2  Page 1  Apr 2	APT 3	
Estimated Volume of ACM:		
Comments: SACM IN DRIVEWAY BY ADT.	#2.	
Date/Time of Interview: 12/3/97 1124	Access Granted (circle):	yes; no
Team Members: GD / JW		-1745-510

Tracking Number 1745

Occupant:	Interviewee:
Address:	GRETNA LA 7\$\$53
Phone No.:	MEW INFO
Owner Name Address and Phone No. if Different Than Occupant: (b) (6)	
Site Description:	
Description of property (circle): single home; duplex, bus vacant house; vacant lot; other	iness; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; dogs; resolution:	other
3) Underground utilities installed by owner? (circle): no; water; septic tank; other  Note location on site sketch.	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't ke If yes, note on site sketch. How deep?	now
Site Sketch:  Apr 2  Site Sketch:  Apr 2	APT 3
Estimated Volume of ACM:	
Comments: SACM IN DRIVEWAY BY APT. FF	て,
Date/Time of Interview: 12/3/97 1124	Access Granted (circle): yes; no
Team Members: 6b / 11.1	05-1745-510

Tracking #: 1745

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		····
Property Address:	GRET	NA
State/Zip:	Phone Number(s) (b) (6)	(H)
	( )	(2)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

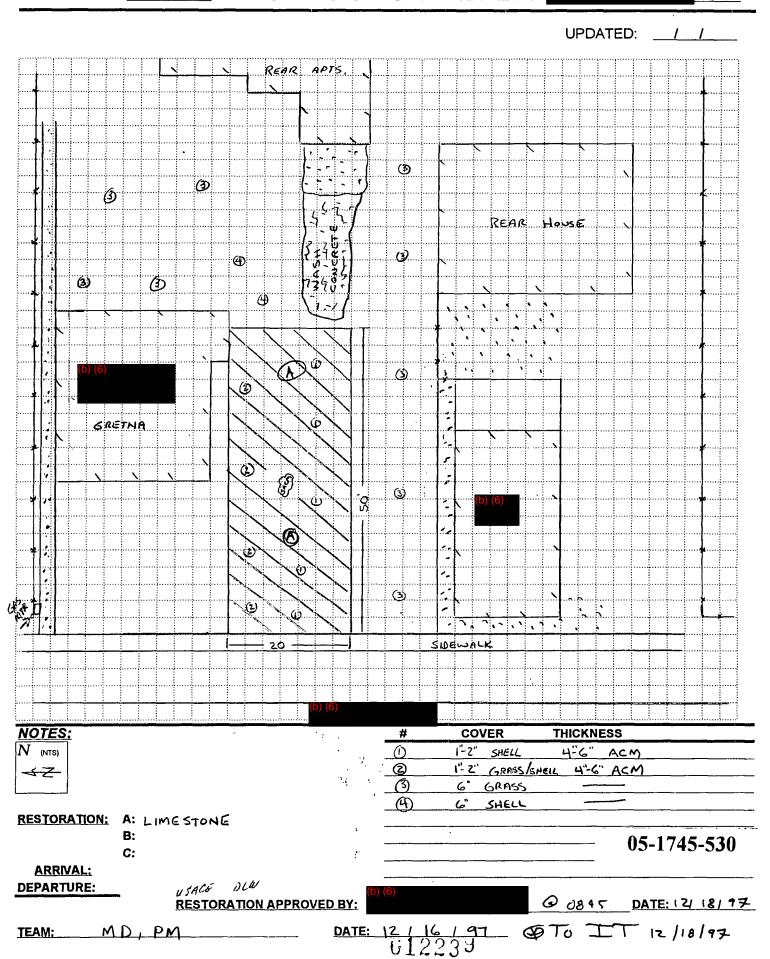
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE

05-1745-520



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTIIORIZED EPA/START REPRESENTATIVE

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Fax (317) 570-5894

Wednesday, February 11, 1998

Attn.: Deena DePalma Ecology & Environment 11550 New Castle Avenue Suite 250

Ref Number: IN98398

Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

*			SAMPLE	ASRE	STOS		NONASBE:	STOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	<b>FIBROUS</b>	%	NONFIBROUS
WBS1745-G01	0) (6)	Brown	Crushed	< 1% Chi	rysotile	i	1	60%	Quartz
<b>}</b> -		Non-Fibrous		!				40%	Other
		Homogeneous				:			
		,		:		:	•		
WBS1745-G02		Brown	Crush <del>ed</del>		ne Detected		† 1	60%	Quartz
VVB.5   745-G02			Grusnea	NO	ue Detected				
. !		Non-Fibrous		i				40%	Other
		Homogeneous		İ		:			
		••	•	1		1 .			
WBS1745-G03		Brown	Crushed	< 1% Ch	rysotile	;	1,	60%	Quartz
Ĺ		Non-Fibrous		i			<b>,</b> t	40%	Other
		Homogeneous		į		:	· i		
				:		•			
WBS1745-G04		_		1 - 400 00		1		E E 0/	Quartz
VVD51745~GU4		Brown	Crushed	< 1% Ch	-		1		Other
,		Non-Fibrous	:	< 1% Cro	ocidoine	1		4570	Other
		Homogeneous	•						
			•	1		ı			
WB\$1264-G01		Brown	Crushed	< 1% Ch	rysotile .		• 4	70%	Quartz
ŧ		Non-Fibrous		< 1% Cro	ocidolite	!		30%	Other
•		Homogeneous		:		•			
		•	•				:		1
WBS1264-G02		Brown	Crushed	< 1% Ch:	nventila			70%	Quartz
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Grusnaa	1 < 1% Cro	•				Other
		Non-Fibrous		- ~ 176 CIL	MINOR CONTRACTOR	:		00 A	· Guiei
		Homogeneous		:		•			

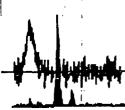
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be gueranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product in NVLAP nor any agency of the United States Government. All "NVLAP reports with NVLAP logo must contain at least one significance of the accuracy of results when requested to physically separate and energy layered samples.

05-1745-570



6330 East 75th Sweet, Suite 152
Indianapolis, In 194 46250
Phone (317) 570-2892 Fux (317) 570-5894

894 EMSL oruary 09, 1998

Attn.: Gregory R Day

Ecology & Environment

11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98383

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: 020601RAG1

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. flb/cc	flbers/ mm²	fibers/cc
WBA-1745-HF2	(5) (6)	2/6/98	3062.80	2.0	100	0.0009	2.55	<lod< td=""></lod<>
WBA1745-HF5		2/6/98	3129.33	2.0	100	0.0009	2.55	<lod< td=""></lod<>
WBA1745-HF11		2/6/98	3155.25	1.0	100	0.0009	1.27	<lod< td=""></lod<>
WBABL	BLANK	2/6/98	0.00	0.0	100		0	
WBA1716-HF10	(b) (6)	2/6/98	2766.90	0.0	100	0.0010	0	<lod< td=""></lod<>

**BLANK ID: WBABL** 

Jane Wasilewski

**Analyst** 

Approved Signatory

05-1745-572

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. \$ LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² and which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of indianapolis (NVLAP Air and Bylk #200188-0).



6330 East 75th Street, Suite 152 Indianapolis, 742 Ja 46250 Phone (317) 570-3892 Fax (317) 570-5894

Attn.: Gregory R Day **Ecology & Environment** 11550 New Castle Avenue

Friday, February 13, 1998

Suite 250

Ref Number: IN98384

Baton Rouge, LA 70816

RECO FEB 1 8 1998

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

SAMPLE ID	VOLUME (liters)	ASBESTOS TYPE(S)	# <i>STRUC</i> < 5μ ≥ <b>5</b> μ		AREA ANALYZED (mm²)		RATION OF TRUCTURES AS/cc	ANALYTICAL SENSITIVITY (AS/cc)
WBA1707-HF8	4332.42	Chrysotile	2	0	0.0484	41.3223	0.0037	0.0018
WBA1716-HF9	2821.57	None Detected		0	0.0484	<20.6612	<0.0028	0.0028
WBA1745-HF11	3155.25	None Detected		0	0.0484	<20.6612	<0.0025	0.0025
								t. ,

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Richard K. Harding

**Analyst** 

Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm* and not in fibers/cc, which is dependent on volume collected by non-laboratory personnel.

Accredited for PLM/TEM NVLAP #200188-0





By PM Date 2-10-98 Subject RESTORATION SITE # 1745 Sheet No. of. Chkd. By____ Date_ Proj. No.: GRETNIA SIDEWALIC 05-1745-590

र, रहरके**धन्त**का संद

### WESTBANK ASBEST OS ABATEMENT NEW ORLEANS LOUISIANA (C. 1971)

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SITE# 1745

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					200.0		
					200.		
Sod Installation (sq.yds.)	·	· ·				· · · · · · · · · · · · · · · · · · ·	
6" Concrete Installation (sq. yds.)					-		
4" Concrete Installation (sq. yds.)							<u> </u>
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)						, <b>#</b>	
Rock, Gray (cu.yds.)		·			54.99		
Sand (cu.yds.)						······································	
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
				٠			
• · · · · · · · · · · · · · · · · · · ·							<del></del>
IT REPRESENTATIVE SIGNATU	RE				05-17	45-590	
SUR 1 SIGNATURE					<del></del> .		<del></del>

012245

SUB 2 SIGNATURE

DATE: $\frac{8/31/98}{1745}$ SITE #: 1745		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		_
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=
Anna de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria de la seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria della seria d		
	. /	05-1745-540

012246

TEAM MEMBERS:

Occupant		Interviewee:
Address:	(b) (6)	GRETNA (SON)
Phone No.:		
Owner Name, A	ddress, and Phone No. if Different T	Than Occupant: FATHER "ERNEST PITTS"  13 ELDERLY, THE SON
$\leq$	l ma	HANDLES AFFAIRS
ite Descripti	on:	NEW INFO A
1) Description o		duplex; business; school; daycare; church;
	essing yards (oircle): looked gate;	gate; dogs; other
septio tank;		no; water; gas; electric; cable TV;
4) Is any underg If yes, nots on	round ACM present? (circle): yes; site sketch. How deep?	no; don't know
Site Sketch:	CONCEST CARE  CARE  The House	
Estimated Volum		7
	enound a series of q	EB, NEXT TO DRIVEWAY. ACM intertwine yours son to cook it over
Date/Time of Int		Access Granted (circle): (yes; )no 12 R 9
Team Members:	- 1	05-1746-510 MD

Tracking Number	1746

Site Information:	
Occupant:	Interviewee:
Address:	GRETNA
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than (b) (6)	Occupant: Sow:
Site Description:	
Description of property (circle): single home; du vacant house; vacant lot; other	uplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gresolution:	pate: dogs: other
3) Underground utilities installed by owner? (circle): septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; rule yes, note on site sketch. How deep?	ıo; don't know
CONCRETE CARR  CARR  House	
Estimated Volume of ACM:	
(OEC) around a series of cypi	
・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	
Date/Time of Interview: 12/3/87 159	

Tracking #:	17	44	
I racking #:	<u>' ' '</u>	TY	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property Address:	(b) (6)	
State/Zip:	Phone Number(s)	
•	,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

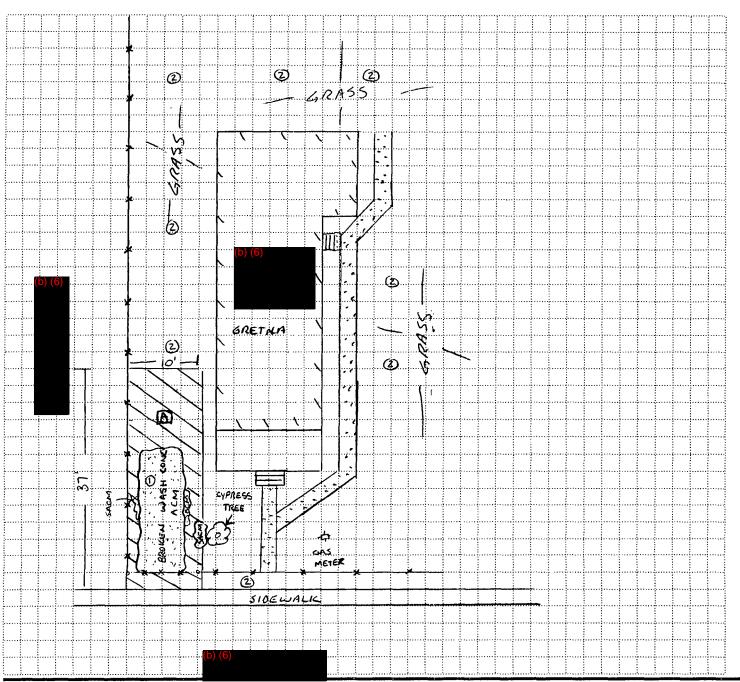
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.









NOTES: COVER **THICKNESS** CYPRESS KNEE'S IN # 0 N (NTS) 2" BROKEN WASH CONC ACM REMOVAL AREA . 2 G" GRASS NO ACM VZ RESTORATION: A: LIMESTONE 05-1746-530 C:

**ARRIVAL: DEPARTURE:** 

RESTORATION APPROVED BY: (b) (6)

JM 12/15/97 DATE: 12 111 197 & TO IT 12/18/97 MD, PM TEAM:

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

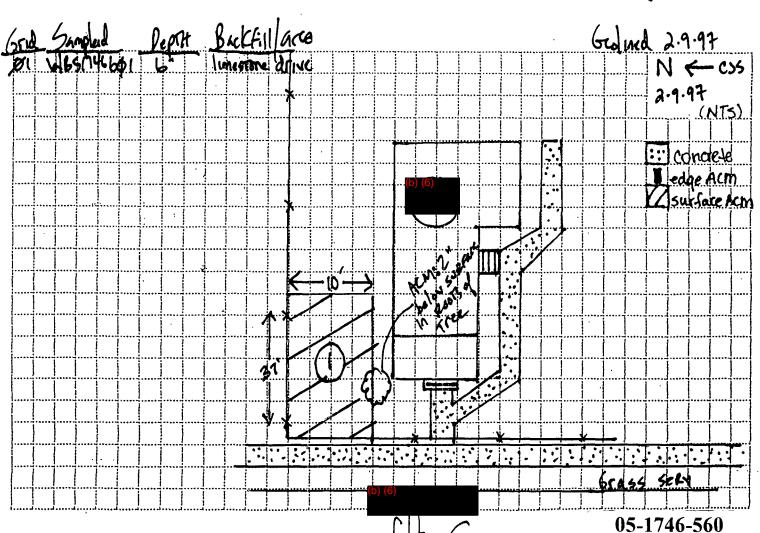
FYI:		
SITE#	1746	ADDRESS: (b) (6)
	·	GRETNA, La.

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON _____

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Mr Simone

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue

3175705894

Suite 250 Baton Rouge, LA 70816 Wednesday, February 11, 1998

Ref Number: IN98398

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

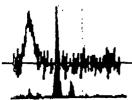
**NONASBESTOS** SAMPLE LOCATION SAMPLE TREATMENT **APPEARANCE** NONFIBROUS WBS1746-G01 60% Quartz Brown < 1% Chrysotile Crushed < 1% Crocidolite Non-Éibrous 40% Other Homogeneous

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski : Analyst Approved
Signatory

05-1746-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain sebestos. Thus negative fibe guarenteed. Floor tiles and wipes should be tested with either \$EM or TEM. The above test report relates only to the items times only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product a NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP bogo must contain at least one signs Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis nectormed by EMSL of Indianopolis (NVLAP As and Date 1998-1990).



Bv	PM	Date	2-10-98	Subject Resto	RATION SITE #	1746	_Sheet No	of
		Date.					_ Proj. No	
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						Rock		
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		:	; ; ;			*		46-590
; .		. !					<b>V3-1</b> /	1 1 1
					012253			

# WESTBANK ASBEST OS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

#### **RESTORATION FORM**

SITE# 1746

	₹ DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
	1			<u> </u>	QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					44.00	7	·
Sod Installation (sq.yds.)	·	· · ·					
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					·		
Lower Lift Sand					•		
Rock, Brown (cu.yds.)						,001	٠.
Rock, Gray (cu.yds.)					12.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA							
	Site Ske	tch on B	lack of F	age °			
COMMENTS:							
	· ·	<del></del> -		· <del></del>	Ω <b>.</b> 1	746 500	
IT REPRESENTATIVE SIGNATU	IRE				US-1	746-590	
SUB 1 SIGNATURE			· - · - · - · - · - · · - · · · · · · ·				

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/3/98</u> SITE #: 1746		ADDRESS:	·
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		-	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:			
Jallin		skinted	
		04	5-1746-540

U12255

TEAM MEMBERS:

#### FIELD DATA SHEET 1

Site Information:	
Occupant: (b) (6)	Interviewee:
Address:	CARETMA
Phone No.:	
Owner Name, Address, and Phone No. if Different T	Than Occupant:  (OWN TORTILLA FACTORY NEXT POOR)
Site Description:	
Description of property (circle): single home;     vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; otherNote location on site sketch.	
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	
Estimated Volume of ACM:	HOUSE TERNICEN CONCRETE SEE
Comments: SACM IN THE BROKEN (QEC) TO PORCH)	TYBN) YKWHJKW BHT 70 KBRA 9N V
Date/Time of Interview: /2/\$3/97	1436 Access Granted (circle) yes; no
Team Members: GD/JW	05-1747-510

Tracking #: 1747

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(b) (6)	
Property Address:	Gretna	
State/Zip: LA. 70053	Phone Number(s) ^{(b) (6)}	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

December 3, 1997
DATE
SIGNATURE

TRACKING # ________

SITE SKETCH ADDRESS: [6)(6)

GRETNA

UPDATED: __/_/ MATCH LINE SHED SACM 14 50 FT GRETNA ! 0 V 123 - 8 80 O MR SIDE WALK NOTES: COVER **THICKNESS** N (NTS) 1" GRASS 2"-4" 1-12" BROKEN CONC 2"4" 7-7 RESTORATION: A: CONCRETE · B: GRASS 05-1747-530

**ARRIVAL: DEPARTURE:** 

**RESTORATION APPROVED BY:** 

DATE (2100 197)

TEAM: MD, PM JM 12/15/97

C:

DATE: 12 / 10 / 97

To IT 12-11-97

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# 1717	ADDRESS:	
•	Gretna LA	

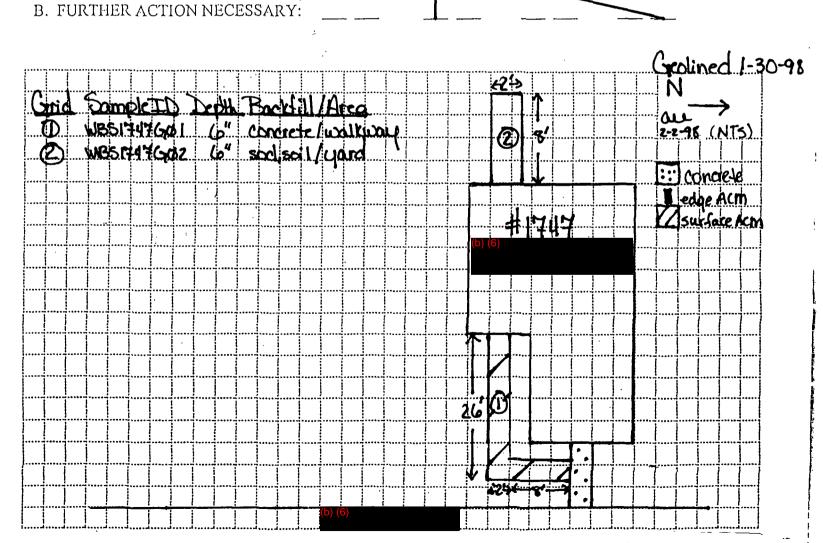
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON **02-04-98** 

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2

3 4 5 6 7

A. PROCEED WITH RESTORATION:  $\checkmark$ 



05-1747-560

AUTHORIZED EPA/START REPRESENTATIVE Q. Ruler.

<u>6. Killer</u> 012259

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue

3175705894

Suite 250

Baton Rouge, LA 70816

Wednesday, February 04, 199

Ref Number: IN98310

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

CAMPI F	LOCATION	ABBEAGANAE	SAMPLE TREATMENT	<u>ASBE</u> %	STOS TYPE	%	<u>NONASB</u> FIBROUS	<u>ESTOS</u> % NONFIBRO
SAMPLE WB\$1747-G01 (b)	(6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch		76	ribrous ·	80% Quartz 20% Other
WBS1747-G02		Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected			80% Quartz 20% Other
WBS1713-G01		Brown Non-Fibrous Homogeneous	Crushed		rysotile ocidolite	· · · ·		78% Quartz 20% Other
WBS1542-G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch < 1% Cr	_			80% Quartz 20% Other
WBS1668-G01		Brown Non-Fibrous Homogeneous	Crushed	2% Ch	rysotile			78% Quartz 20% Other
WBS1668-G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile	<u>+</u>		80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

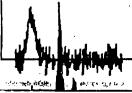
* NY samples also analyzed by ELAP 198-1 Method

Analyst -

Approved Signatory

Discraimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the cliant to claim productive not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one significant. Laboratory is not responsible for the accuracy of results when raquested to physically separate and analyze layered samples. Analyses performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188 0).

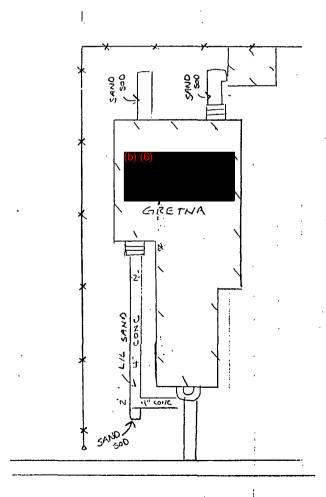
05-1747-570





**基则**证

By PM	Date2-2-98	_Subject_RESTORATION	site#	1747	Sheet No	of
Chkd. By					Proj. No	



05-1747-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

R	FS	TO	RA	TIC	<b>DN</b>	I FO	RIV	1
			$\cdots$	<i>,</i> , , ,	<i></i>	, O	, ,,,	4

SITE# 1747

	DATE	DATE	DATE	DATE	·		
,					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							ļ <u>.</u>
Sod Installation (sq.yds.)	,	·			7.59		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					9.00		<u> </u>
Sand Installation (sq.yds.)					7.52	· · · · · · · · · · · · · · · · · · ·	
Lower Lift Sand					900		
Rock, Brown (cu.yds.)		····					
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					3.50		
Concrete (cu.yds.)					1,00		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)				 	<u> </u>		
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
						-1747-590	
IT REPRESENTATIVE SIGNATUR	RE			-			
SUB 1 SIGNATURE		<u>_</u>	11226	2			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE#: 17-47		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		<del></del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:			
No Acm			
TEAM N	MEMBERS: MIL/	OLL	05-1747-540

	1748
Tracking Number	/ 170

#### FIELD DATA SHEET 1

Site Information:
Occupant: (VACANT to+) Interviewee:
Address:
Phone No.: (b) (6)  CORNER OF (b) (6)
(b) (6)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:
(b) (6)  Concrete  SKM
Estimated Volume of ACM:
Comments: SACM ALONG MONROE ST. AT END OF CEMENT SLAD, (QEC)
Date/Time of Interview: 12/3/47 1448 Access Granted (circle). yes; no
Team Members:

002

Tracking #: 1748

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(D) (G)	
Property Owner's Name:	
Property Address: Craner of (6)	
State/Zip: Phone Number(s) (6) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

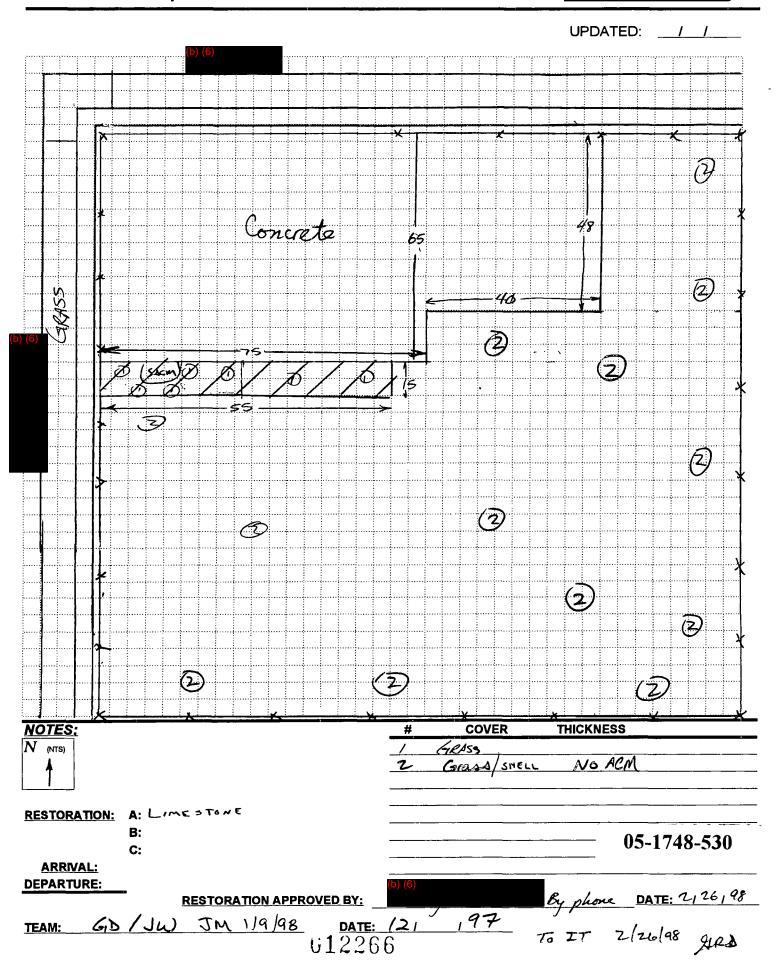
SIGNATUR

05-1748-520

TRACKING # 1743

SITE SKETCH ADDRESS:

GRETHA



#### MR2TRVIAN VCM TOMAN ANT LEGITOR SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	•	
1 11.	•	

SITE# 1748

ADDRESS: Vacant Loton co

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical results received as of 4/10/98

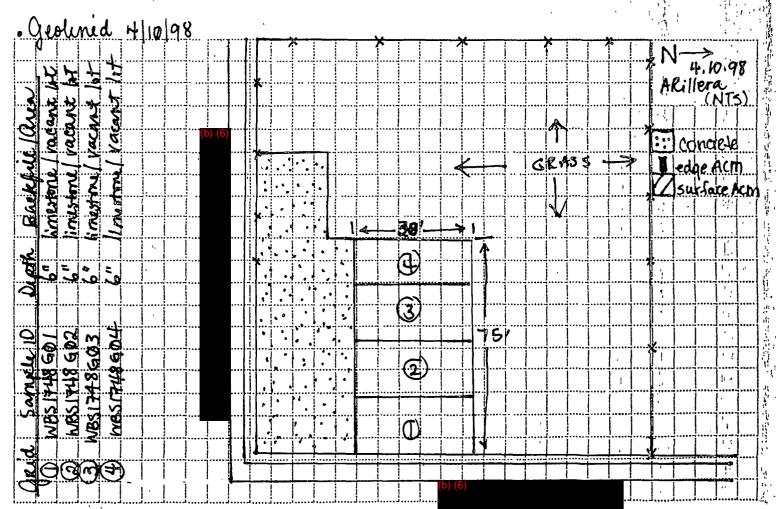
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

GRUD#:

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



05-1748-560

AUTHORIZED EPA/START REPRESENTATIVE

012267

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environment

11550 New Castle Avenue

Suite 250
Baton Rouge, LA 70816

Wednesday, April 15, 1998

Ref Number: IN981076

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBE	<u>estos</u>		NONASBE	<u>\$TOS</u>	1
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1741G01	(b) (6)	Brown Non-Fibrous Homageneous	Crushed	No i	ne Detected				Quartz Other
WBS1178G01		Brown Non-Fibrous Homageneous	Crushed	< 1% Ch	rysotil <del>e</del>				Quartz Other
WBS1178G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile	· ·			Quanz Other
WB\$1389G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi	rysotile				Quartz Öther
WB\$1748G01		Brown Non-Fibrous Homogeneous	Crushed	: No	ne Detected	:			Quartz Gypsum
WB\$1748G02	! 1	Brown Non-Pibrous Homogeneous	Crushed	< 1% Chi	rysotil <del>e</del>				Quart≿ Gypsum

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method 3

Jane Wasilewski Analyst

Disclaimers. PLM has been known to miss esbestos in a small percentage of samples which contain asbestos. Thus negative P be gueranteed. Floor tiles and wipes should be tested with either SEM or YEM. The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the citent to claim product or may only opency of the United States Government. All "NVLAP" reports will NVLAP layer must contain at least one signal Laboratory is not responsible for the accuratory of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

05-1748-570

Approved

Signatory



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Alma Rillera **Ecology & Environment** 

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Wednesday, April 15, 1998

Ref Number: IN981076

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASBL	ESTOS		NONASBI	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB <u>\$1748</u> G03	o) (6)	Brown Non-Fibrous Homogeneous	Grushed	< 1% Ch	•				Quartz Gypsum
WBS1748G04_		Brown Non-Fibrous Homogeneous	Crushed	: < 1% Ch	rysotil <del>e</del>	·			Quartz Gypsum

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

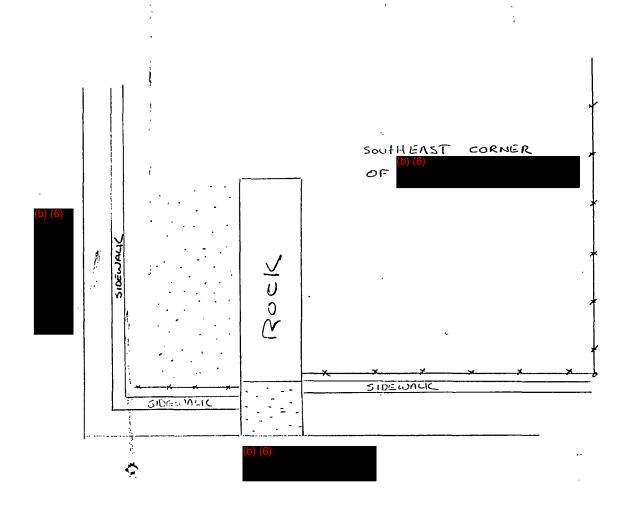
Jane Wasilewski Analyst

Approved Signatory

Disclaimers: PLM has been known to mise asbestos in a small percentage of eamples which contain espected. Thus negative P be guaranteed, Ptoor tiles and wipes should be tested with either SEM or TEM, The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product at MYLAP nor any agency of the United States Government. All "MYLAP" reports with NYLAP logo must contain at least one signal Laboratory is not responsible for the accuracy of results when requested to offsetable separate and energy elevered samples. Analysis performed by EMSL or Indianapolis (NYLAP Air and Bulk #200188-0).

05-1748-570





05-1748-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

RES'	ΙOΙ	RA	110	N.	۲U	RIV

SITE# 1748

	DATE	DATE	DATE	DATE			
		-			EST.	ACTUAL	ACT.
1			<del></del>		QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					213.50		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	•					r	
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)					-		
Rock, Gray (cu.yds.)					60.ºº		
Sand (cu.ydś.)					·		
Concrete (cu.yds.)				<u>.</u>			
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						<u> </u>	
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			:
COMMENTS:		······································					
	- <u>1 11 1</u>			1	05-	1748-590	<del></del>
IT REPRESENTATIVE SIGNATU	RE		<del></del>				
SUB 1 SIGNATURE							

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

Wednesday, April 15, 1998

Ref Number: IN981079

#### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: F68209 W.A.R.P.

Sample	Location	Sample Date	Volume (liters)	Fibers	Flelds	L.O.D. flb/cc	fibers/ mm¹	fibers/cc
1748P508		4/9/98	581.00	1.0	100	0.0046	1.27	<lod< td=""></lod<>

Jane Wasilewski Analyst

Approved Signatory

LQD = Limit of Detection. The method assumes the lowest detection concentration to 7 fibers/mm2 and is volume dependent. LQD are non-quantifiable and merefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm3 a which is dependent on volume collected by non-laboratory personnel.

Analysis performed by EMSL of Indienepolis (NVLAP Air and Bulk #200168-0).

05-1748-571



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMS

Attn.: Michael DuCaye

Ecology & Environment

11550 New Costle Avenue

Suite 250

Baton Rouge, LA 70816

Wednesday, April 15, 1998

Ref Number: IN981080

# Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: F68209 W.A.R.P.

SAMPLE	VOLUME	ASBESTOS	#	STRUCTURES	AREA ANALYZED	CONCENTE ASBESTOS S		ANALYTICAL SENSITIVITY
ID	(liters)	TYPE(S)	< 5µ	≥ 5µ NONASB	· (mm²)	AS/mm²	AS/cc	(AS/ce)
1748P508	581.00	Chrysotile	. <b>2</b>	0	0.1331	15.0263	0.0100	0.0050
		•				;		

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

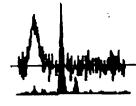
Richard K. Harding Analyst

Approved Signatory

disclaimers: The leboratory is only responsible for fibers counted in fibers/mm² and not in fibers/oc, which is dependent on volume non-laboratory personnel.

acception for PLMTEM NYLAP #200188-0

05-1748-571



### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/22/98 SITE#: 1748	ADDRESS: Orner of (b) (6)  Givet new
	USE ED
APPR. CRAWL SPACE HEIGHT:	
	UNKS WDER AB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
no Acm present	prant lot
TEAM MEMBERS:	S & EW 05-1748-540

012274

#### FIELD DATA SHEET 1

Site Information:	•
Occupant: (b) (6)	Interviewee:
Address:	GRETNA
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Differe (b) (6)	ent Than Occupant:
Site Description:	
Description of property (circle): single hor vacant house; vacant lot; other	ne; duplex; business; school; daycare; church;
Problems accessing yards (circle): locked g resolution:	gate; gate; dogs; other
Underground utilities installed by owner? (circle septic tank; other Note location on site sketch.	- ·
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	
Site Sketch:	(b) (6)
Estimated Volume of ACM:  Comments: SACA みそれな らみてき	Shed  Shed  Thereof of Access Addresser Miss.)  To a Mother to Sign (Lives in Miss.)
(QEC)	
Date/Time of Interview: 12/3/47	16φφ Access Granted (circle) yes; no
Team Members: (1) / JW	05 1740 510

Tracking #: . . / 749

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:

Property Address:

State/Zip: 7005 3 Phone Number(s) (b) (6)

Does Not Wort Cinestone

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-6-97

SIGNATURE

05-1749-520

SITE SKETCH ADDRESS:

GRETNA

**UPDATED**: Ø. Έ. 13 (1) /sacm 0 (A) SIDE WALK NOTES: COVER THICKNESS 1-2" GRASS N (NTS) 75 RESTORATION: A: LIMESTONE 05-1749-530 C: **ARRIVAL**: USACE DW 12/15/97 DEPARTURE: (SON) DATE/21/5197 **RESTORATION APPROVED BY:** DATE: 12/15/97 TO IT 12/16/97 TEAM: MD, PM

(12277

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

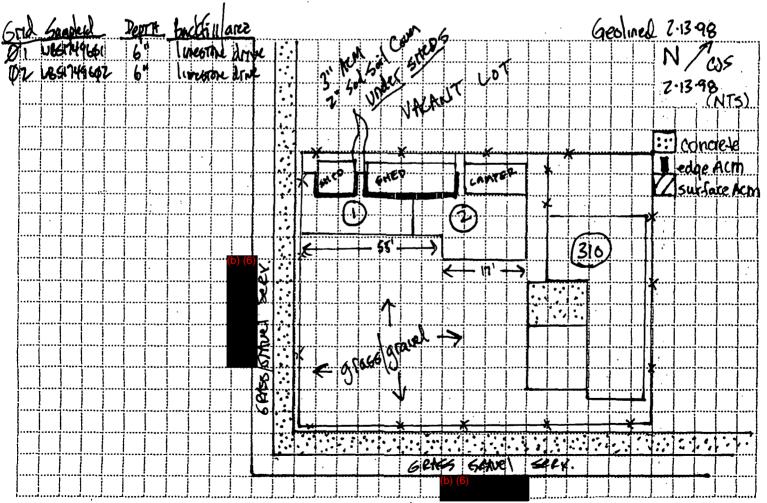
FYI:						•
SITE# \71	<del>1</del> 9	ADDRESS:	(b) (6)		1.5	
			GRETNA,	la		,

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

m Moure

05-1749-560

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL 98

Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Tuesday, February 17, 1998

Ref Number: IN98437

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>AŞBE</u>	STOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE.	%	FIBROUS	%	NONFIBROUS
WBS1749G01	0) (6)	Brown	Crushed	< 1% Ch	rysotile		• ••• ••	80%	Quartz
		Non-Fibrous Homogeneous		< 1% Cr	ocidolite	!		20%	Other
WBS1749G02		Brown	Crushed	,   < 1% Ch	rysotile	•		80%	Quartz
		Non-Fibrous Homogeneous		< 1% Cre	ocidolite			20%	Other
WB\$1763G01		Brown	Crushed	ــــــــــــــــــــــــــــــــــــ	nysotlle	· . · . · .		. 80%	Ouartz
		'Non-Fibrous . Homogenaous	i	< 1% Cr	-	ļ			Other
WBS1763G02		Brown	Crushed	< 1% Ch	rysotile			80%	Quartz
r.		: Non-Fibrous Homogeneous						20%	Other
 WB\$1710G01			i . Januaria			I		700/	04
Was1/10301		'Brown Nan-Fibrous Homogeneous	¹ Crushed		rysotile ocidolite				Quartz Other
				ilian in an an an an an an an an an an an an an					
WBS1152G01		Brown Non-Fibrous	Crushed	No	ne Detected				Quartz Other
		Homogeneous				!			•

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips

Anglyst

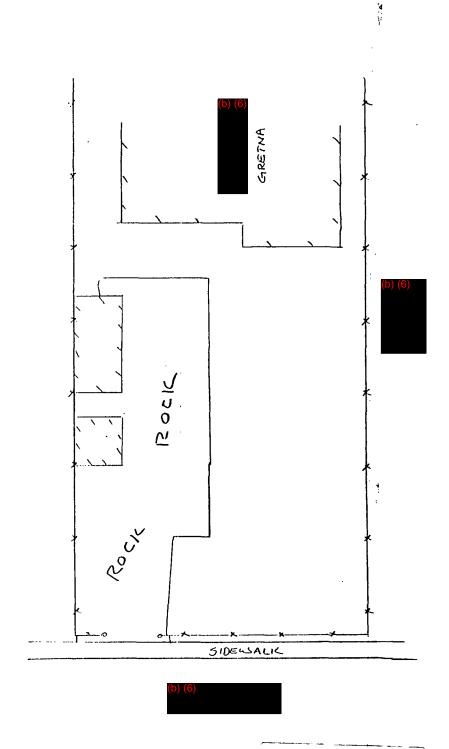
Approved Signatory

Disclaimers; PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product MVLAP nor any agency of the United States Government. All "INVLAP" reports with INVLAP logs must contain at least tries significantly separate and analyze layered samples. Analysis performed by EMSL of inklianapolits (NVLAP Air and Bulk #200#89-0). The product of the security of results when requested to physically separate and analyze layered samples.

05-1749-570

W WHITH WATER





05-1749-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE#	1749
-------	------

	DATE:	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					145.≌		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)			:				
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					34.00		
Sand (cu.yds.)							
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)							ļ
EXTRA							
	Site Ske	etch on B	ack of F	age °			
COMMENTS:			·				<del></del>
					05-	1749-590	
IT REPRESENTATIVE SIGNATU	RE		<del></del>	····			
SUB 1 SIGNATURE		Ü	12281				

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/28/98</u> SITE #: <u>1749</u>		ADDRESS:	9
ACM LOCATED BENEATH:  APPR. CRAWL SPACE HEIGHT:	HOUSE	=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
No Aur	Wo	Crawl Space	
	/	0	05-1749-540

012282

TEAM MEMBERS:

Tracking Number _______ 1750
Roused 1/30/98

#### FIELD DATA SHEET 1

Site Information:

Occupant: (b) (6)	Interviewee:
Address:	HARVEY
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Oc. TAX R) (b) (6)	cupant:
Site Description:	
Description of property (circle): single home, duple vacant house; vacant lot; other	x; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other
3) Underground utilities installed by owner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; If yes, note on site sketch. How deep?	don't know
Site Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch:  Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch: Sketch:	
Comments: SACM BY 2 0 CARPORT (QEC)	Post
Date/Time of Interview:	Access Granted (circle): ses: no
Team Members:	06-1750-510

Tracking	#:	1750

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's <u>Name:</u>	(6)	
Property Address: ^{(b) (6)}	HARVEY	
State/Zip: LA.	Phone Number(s) ^{(b) (6)}	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

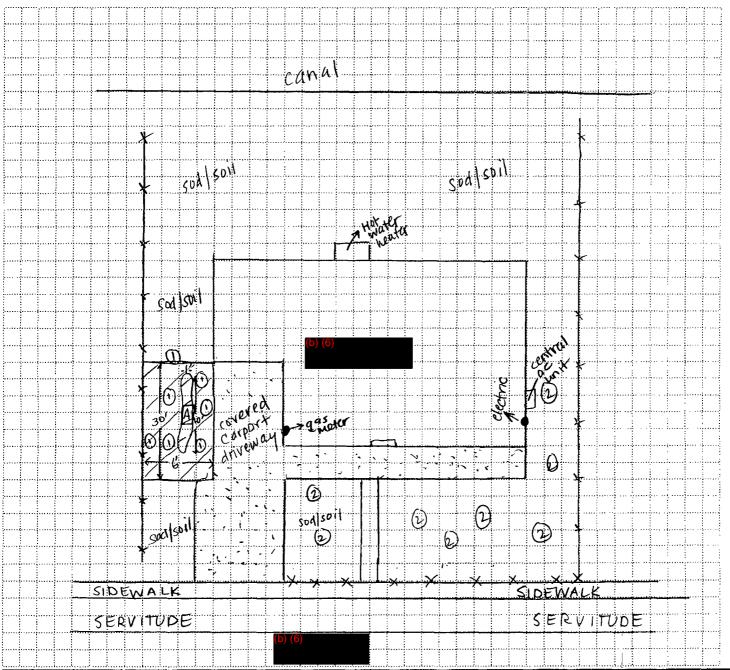
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

SIGNATURE....

DATE

UPDATED:



NOTES:	will be difficult to act a
N (NTS)	1.04 600 10 11
<u></u>	backing in that spot, there
	backhoe in that spot, there is a carport

THICKNESS COVER 3-4" SOD SOIL I" ACM sod |soil NO ACM

RESTORATION: A: SOD/SOIL -> DOESN'T want sand wants soil C:

06-1750-530

ARRIVAL: 0945 DEPARTURE: 1020

**RESTORATION APPROVED BY:** 

by phone DATE: 1,30,98 TO IT 1/30/98 Sel

DD CTS JM 1/14/98

DATE: 1 1 9 197 012285

# WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

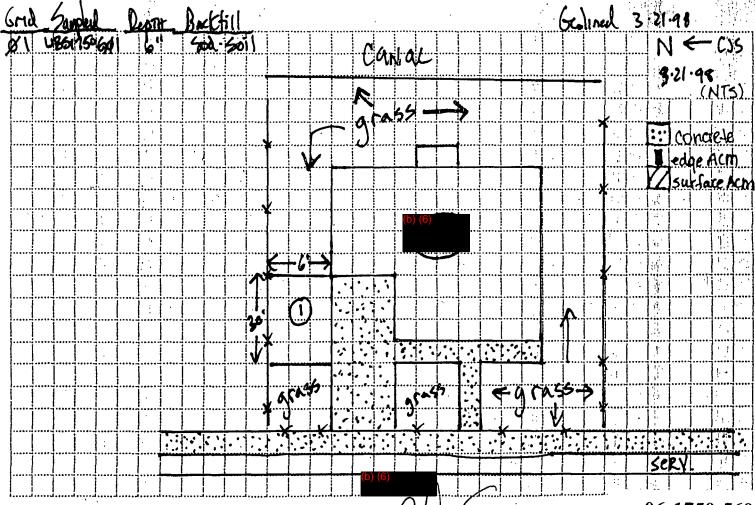
-	!	i	,		HARVY, La	1 (2) (4) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	
SITE#	1750		•	ADDRESS:	(b) (6)		
FYI:		•	•		** / <b>*</b>		9-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 36578

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 1 22 dm

06-1750-560

### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Wednesday, March 25, 1998

Ref Number: IN98804

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

		:	SAMPLE	<u>ASBESTOS</u>		NONASB	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS1789G01	(b) (6)	Brown	Crushed	2% Chrysotile			77% Quartz
-		Non-Fibrous		. 1% Crocidolite			20% Other
1:		Homogeneous					TO WOULE
)							
WBS1789G02		Brown	Crushed	20/ Observable			
li		Non-Fibrous	Crusned	2% Chrysotile 2% Crockdolite		i	76% Quartz
11		Homogeneous		276 Crockdonite	:		20% Other
1				•	!	1	j
10/17/24750004				• •		1	
WBS1750G01		Brown	Crushed	2% Chrysotile	•		78% Quartz
<b>!</b>		Non-Fibrous		< 1% Crocidolite			20% Other
		Homogeneous	!	1			i
			.1	•			
WBS1873G01		Brown	Crushed	None Detected			80% Quartz
		Non-Fibrous		:			20% Other
Į į		Homogeneous	•				[ ;
}·			i	Ĺ.	1		
WB\$1873G02		Brown	Crushed	2% Chrysotile	! :		78% Quartz
\;		: Non-Fibrous		1			20% Other
<b>{</b> !		Homogeneous		İ	1		.1
!		i	J		•		
WB\$1873G03		Brown	Crushed	1% Chrysotlle			78% Other
1.		Non-Fibrous	Cidalled	1% Crocidolite		,	20% Other
]'		Homogeneous	į				/4 GRIOI
1		1	1		1	***	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative is be guaranteed. Ploor tiles and wipes should be tested with either SEM or TEM. The above test report related only to the items is may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product or NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signal abovestory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Indianspolis (NVLAP Air and Bulk #200188-0).

06-1750-570

A shi kabunda

**BDAY** 

__012287

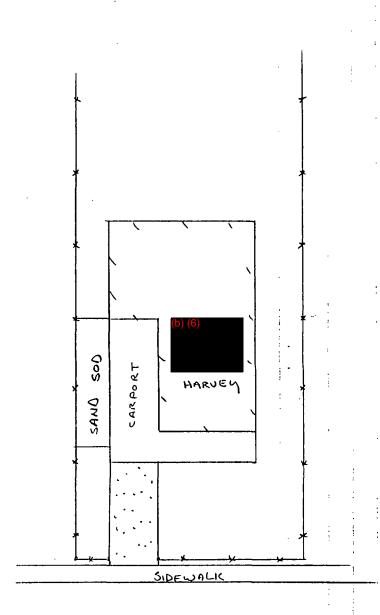
TSW3

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93:51 8661/92/60



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06-1750-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE# _____1750

· · · ·	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL	ACT.
,					WIT.	QTY.	
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)		7			19.50		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							-
Sand Installation (sq.yds.)							-
Lower Lift Sand		-			· ·		
Rock, Brown (cu.yds.)			· 				-
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					4.99		_
Concrete (cu.yds.)							
Plastic Edging (ft.)							_
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			
COMMENTS:					<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	· · · · · · · · · · · · · · · · · · ·	
IT REPRESENTATIVE SIGNATU	RF						
SUB 1 SIGNATURE	) \ tua		012	28 <del>9</del>	06-	1750-590	

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### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

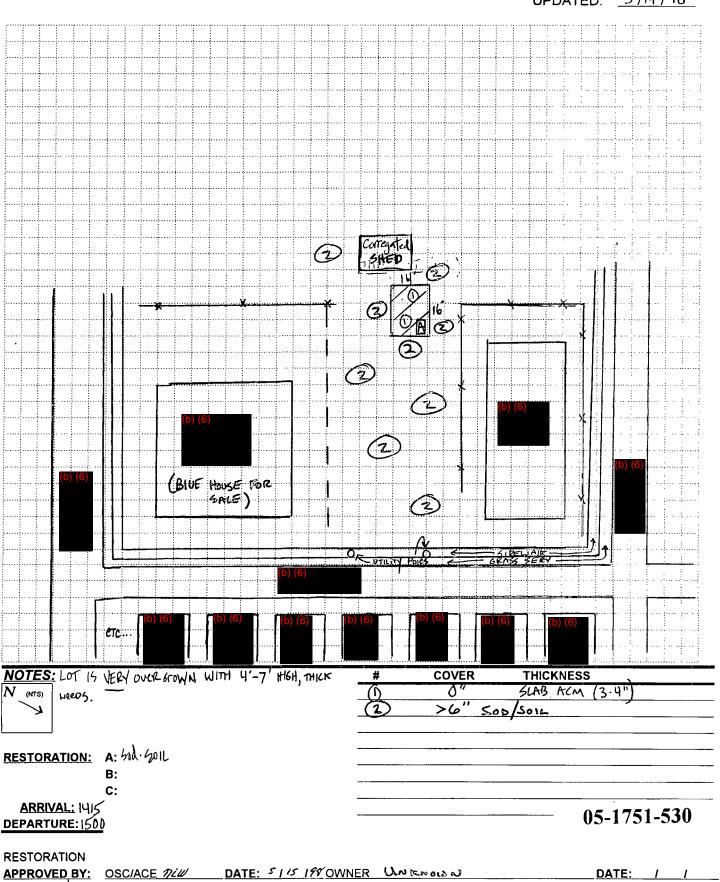
DATE: 9/3/98  SITE #: 1750		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	NA	<b>=</b>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
janaman		and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
TEAM MEN	MBERS: $DA/$	M2 06-1750-540

Tracking Number	175/

### FIELD DATA SHEET 1

Site Information:			ARETNA
Occupant: VACANT	Lot	Interviewee:	
Address:	(NEXT .	(b) (6)	- VACANT LOT.
Phone No.:	( NE		
Owner Name, Address, and I	Phone No. if Different Than Occ	upant:	
ite Description:			
Description of property (c vacant house; Vacant lot	rcle): single home; duplex  other	; business; school;	daycare; church;
Problems accessing yards resolution:	(circle): locked gate; gate;	dogs; other	
3) Underground utilities insta septic tank; other Note location on site sketo	illed by owner? (circle): no;	water; gas; electric	; cable TV;
4) Is any underground ACM If yes, note on site sketch.		don't know	
Site Sketch:	) (ô)	SACI	
Estimated Volume of ACM:  Comments: SACR N  (QEC) OF COR		PILE IN BACK	N3W802 7331 ;
Date/Time of Interview:	2/3/97 16\$5	Access Granted	(circle): yes; no
Team Members:	GD / JW		05-1751-510

UPDATED: <u>5/14</u>/98



1011 DATE: 5,15, 98 DATE: 5./14 /98 (F)

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:									
SITE# 1751		,		,	ADDRESS	S: VACANT	101	Nex 7	6
				•		(b) (6)		GRETNA	_
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THE SAMPLE WERE EVALU	ANALYSI JATED BY	S RESULTS THE USEP	FOR TA	THE ABOVE RT TEAM ON	referen 1 10 a	NCED SIT, NULYTICZ	E WER	RE RECEI	IVED AND 1.96
BASED ON AI ACTION:	N EVALUA	TION OF T	HE AN	IALYTICAL I	DATA, W	E RECOM	MEND	THE FO	LLOWING
ACTION.		GRID#:	1	2	4	5	6	7	8
A. PROCEED	WITH RES	TORATION	1: _ <b>V</b>						
B: FURTHER A	ACTION N	ECESSADV	•						
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			ØZ	VB61751662	12"	Scal Soil	gad	· · ; · · ; N · · · · · · · · / c	$\rightarrow$ $0.5$
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	• • •		(b)	(6)	: : :	· ·			
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AUTHORIZED	EPA/STAF	RT REPRES	ENTA:	ΓΙVE	Jan -	Myr		. UJ-1	/31-200
					•				

### EMSL Analytical, Inc.

0330 E. 730 St., State 157 Indianapolis, IN 46250

Phone: (317) 570-5892

Fex: (317) 570-589 EMSL

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Friday, June 12, 1998

Ref Number: IN981904

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 400/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ARRETOR % Type	% Д	MONABERTOR BROUS X	NONFIBROUS
WBS1736G01	(b) (6)	Brown Non-Fibrous Homogeneous	Cruekad	None Detected			Cluertz Cither
WB81738902		Brown Non-Pibrous Hornageneous	Cruehed	None Detucted			6 Quartz 6 Other
W8\$1751G01		Brown Non-Fibraus Homogeneous	Crushed	None Detented			Guertz 6 Other
WB81751G02		Brown Non-Fibrous Homogeneous	Cruelted	None Detected			6 Quartz 6 Other
W881731G01		Brown Non-Fibrous Homogeneous	Cruehed	None Detected			6 Quartz 6 Other
WBS1731902		Brown Non-Fibrous Homogeneous	Crushed	None Detected			6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "if of Layers" refere to mumber of esparable subsemples.

* NY samples also enalyzed by ELAP 198-1 Method

Analyst

Approved Signatory

ii. PLM has been known to mise asbustes in a arnell parcentage of camples which contain categors. Thus negethed at 41% or note detected should be tested with either \$65M or TEM. The above test report is report may only be reproduced in part with well approval by IIMSL. The above test must not be used by the oil of by NVLAP may again of the Linked States Gavernment. All "NVLAP" may again of the Linked States Gavernment. All "NVLAP" may again of the Linked States Gavernment. All "NVLAP" may again and enterpret contains the interest of the accuracy of results when requested to physically expenses and enterpre layer.

05-1751-570



Analysis performed by EMBL inclinispoles (NVLAP Air and Bulk #200158-0, )

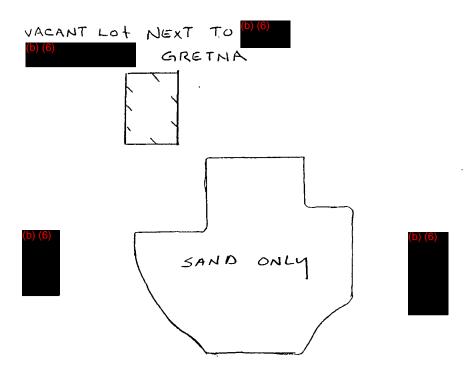




THE THE PERSON NAMED IN

 By
 PM
 Date
 6-10-98
 Subject
 Restoration
 Site
 # 1751
 Sheet No.
 of

 Chkd. By
 Date
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(b) (6)

05-1751-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURF

#### RESTORATION FORM

	DATE	DATE	DATE	DATE			
-				· ·	EST.	ACTUAL	ACT.
• [				···-	QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)		-					
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		·					
Sand Installation (sq.yds.)				-	98.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)				· · · · · · · · · · · · · · · · · · ·	40.00		
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
				,	05-175	51-590	
IT REPRESENTATIVE SIGNATUR	RE						

012296

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-6-98</u> SITE#: <u>1751</u>	ADDRESS:  GRETNA, LA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
	NO VISABLE ACM
	05-1751-540

012297

TEAM MEMBERS:

Grefna City Hall
363-1505
Regulatory Office
Mike Medcafr Helpful
2
140

Needs to locate Possible

Duners:

Landmarks

Nearest lot #'s to L. R,

across the street

Tracking Number	1752

#### FIELD DATA SHEET 1

Site Information:	GRETNA
Occupant: Everna Food Bank	Interviewee: Laurence Guidrey
	IN & JEFFERSON - GRETMA)
Phone No.: 367 - 6676.	
Owner Name, Address, and Phone No. if Different Than Occupant:  Contact: Lawrence Guidez (president - f 367.6676.	Food Bank)
Site Description:	
1) Description of property (circle): single home; duplex; Just vacant house; vacant lot; other top Bank /	iness; school; daycare; church; Fuji Karate Center
Problems accessing yards (circle): locked gate; gate; dogs resolution:	, other
3) Underground utilities installed by owner? (circle): no; water; septic tank; other Note location on site sketch.	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't k  If yes, note on site sketch. How deep?	now
Site Sketch: Romain St	
SACM  Concrete.  Food Bank/  Frije Karate Center  DITCH	
Estimated Volume of ACM:	
Comments: SACM outcrops present along de	ramage ditch
Date/Time of Interview: 12/3/44	Access Granted (circle): (yes;) no
Team Members: $\mathbb{Q} M$ $\mathbb{C} \mathbb{S}$	05-1752-510

Tracking #: 175Z

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	Gretna Food B	unic.	
Property Address: 1400	Jefferson (Corner	deffersen + Romain	
State/Zip: <u>Gretna</u>	Phone Number(s)_	BUSINESS HOUTS 9	an-Ipa.
	-	367-6676.	Lawrence Guiday - President

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

05-1752-520

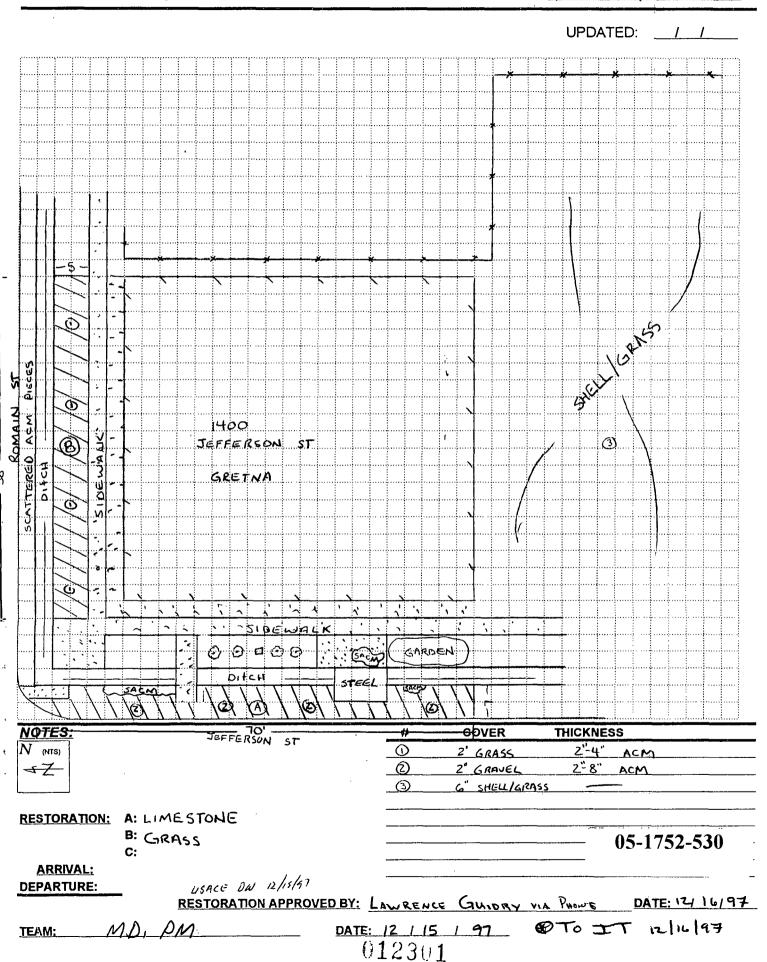
DATE

SIGNATURE

012300

TRACKING# 1752

SITE SKETCH ADDRESS: 1400 TEFFERSON ST GREINA



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#	1752	ADDRESS: 1400 Jefferson Street
		Gretna, LA

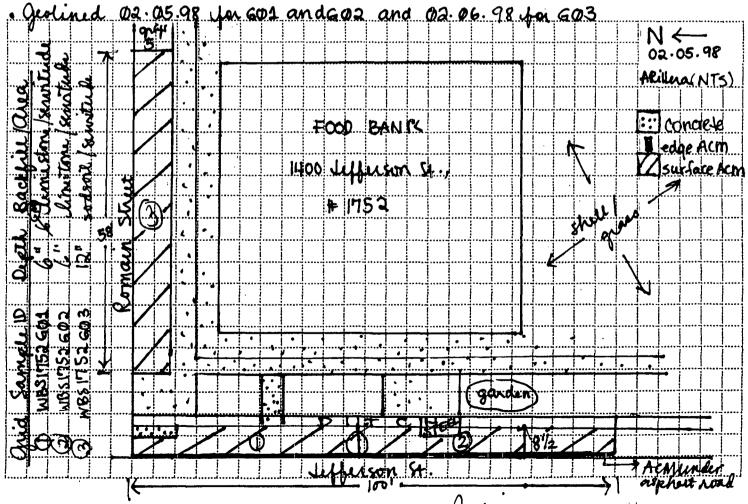
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no analytical data received 439 02.05.98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

ACTION:

GRID #: 1 2 3 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\ }\sqrt{\ }$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

Ulm fillen

### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera & Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Tuesday, February 10, 1998

Ref Number: IN98382

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS REMOVAL PROJECT

			SAMPLE	<u>ASBE</u>	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROL
WBS1624-G01	(b) (6)	Brown	Crushed	< 1% Chr	ysotile	·		80%	Quartz
:		Non-Fibrous	•	1		:		20%	Other
i	•	Homogeneous		İ		i			,
! . <del></del>				1		:			
WB\$1752-G03	1400 Jefferson,GR	Brown	Crushed	. < 1% Cro	cidollte			80%	Quartz
		Non-Fibrous	Crasilod	.,,		•	*		Other
1	•	Homogeneous		į					
İ	:			1					•
WBS1718-G01	(b) (6)	*_	f					000	<b>.</b>
, AAR21/18-G01	(-) (-)	Brown	Crushed	< 1% Chr	•	İ			Quartz
ļ		Non-Fibrous		< 1% Cro	cidolite	į		20%	Other
j		Homogeneous				į			
			. l 	•					
WBS1707-G01		Brown	Crushed	; Nor	e Detected				Quartz
1		Non-Fibrous				1.		20%	Other
		Homogeneous				i			
l			. نـ.	i		. i			
WBS1707-G02		Brown	Crushed	1% Chr	ysotile	i		80%	Quartz
		Non-Fibrous		< 1% Cro				20%	Other
ļ		Homogeneous							
i		,	•	:					
WBS1707-G03		Brown	Crushed	. 2% Chr	vsotile .	• ••		78%	Quartz
1		Non-Fibrous	!	. < 1% Cro					Other
	.1 ,	Homogeneous							
	,		<b>]</b> ,	;		i			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret & Hillips
Margaret Phillips
Analyst

Approved Signatory

05-1752-570

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Proor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signaboratory is not responsible for the accuracy of results when requested to physically separate and snalyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

6330 East 75th Street, Suite 152 EMSL Analytical, Inc.

Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

**Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98355

#### POLARIZED LIGHT MICROSCOPY (PLM)

**EMSL** 

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

	-		SAMPLE	<u>A\$BI</u>	<u>ESTOS</u>		NONASE	ESTOS
SAMPLE	LOCATION	<b>APPEARANCE</b>	TREATMENT	%	TYPE	%	FIBROU\$	% NONFIBROUS
WB\$1752-G02	1400 Jefferson	Brown	:Crushed	< 1% Ch				80% Quartz
	'St.,GR	Non-Fibrous	•	!				20% Other
		Homogeneous				1		

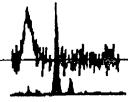
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

**Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The shorts test report rejetes only to the term may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to datin produc NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sit Laboratory is not responsible for the accuracy of results when requested to physically separate and analyza layered samples. Analysis performed by FMSL of Indianagolis (NVLAP Air and Bulk #200188 ft).



### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Dansome

Ecology & Environment
11550 New Castle Avenue
Baton Rouge, LA 70816

Thursday, December 04, 1997

Ref Number: IN971806

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

**Project: WESTBANK ASBESTOS PROJECT** 

			SAMPLE	ASB	STOS		NONASB	<u>ESTOS</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	<b>FIBROUS</b>	%	NONFIBROUS
WBS1752G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Ch	rysotlie				Quartz Other
WBS1167G01		Brown Non-Fibrous Homogeneous	Crushed		rysotile ocidolite				Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips

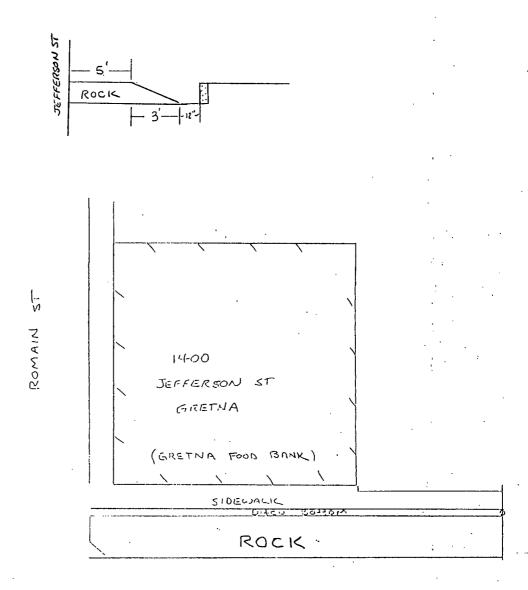
**Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PL be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product en NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP nor eny agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP nor eny agency of the United States Government. All "NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP nor eny agency of the United States Government. All "NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to claim product en NVLAP logo must contain at least one signature to be used by the client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to client to clien



Ву_ <i>РМ</i>	Date <u>2-6-98</u>	Subject_	RESTORATION	SItE #	1752	エ	_Sheet No	of	
Chkd. Bv	Date					•	_ Proi. No		



JEFFERSON ST

### WESTBANKIASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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od Installation (sq.yds.)	٠,						
Concrete Installation (sq. yds.)	·				-		
Concrete Installation (sq. yds.)			1				
and Installation (sq.yds.)							
ower Lift Sand							
ock, Brown (cu.yds.)					··		
ock, Gray (cu.yds.)					32.≃		
and (cu.yds.)		- <u>-</u>					
oncrete (cu.yds.)					· · · · · · · · · · · · · · · · · · ·		
astic Edging (ft.)	· · · · · · · · · · · · · · · · · · ·						
alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)					·		
XTRA							
,	Site Ske	tch on B	ack of P	age			
COMMENTS:							
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012307

SUB 2 SIGNATURE

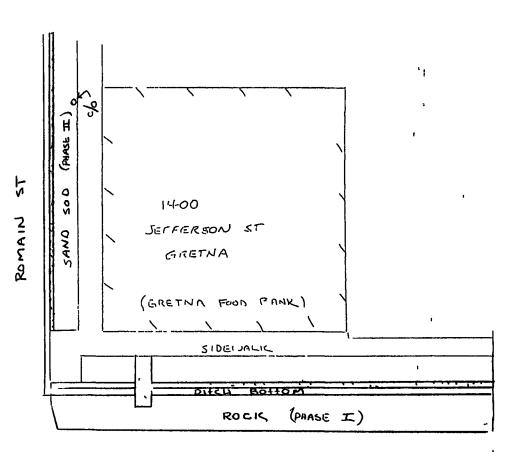


Ву <u> РМ</u>	Dale <u>2- 6-98</u>	. Subject	RESTORATION PETUAL REMOVAL	51/6 #	1752.I	Sheet No	0	f
Chkd Bv	Date					Proi No _		

PHASE IL

NOTE:

REPLACE C/O COUER OUER PIPE DURING SAND INSTALLATION



JEFFERSON ST

# WESTBANK! ASBESTOS ABATEMENT.

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# _________

	•	· .		•		•	
	DATE	DATE	DATE	DATE			
	:				EST.	ACTUAL	ACT
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Concrete Installation (sq. yds.)			·	<u> </u>		ļ	
Concrete Installation (sq. yds.)		•				0	
Sonorete matamation (34. yas.)							-
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wer Lift Sand							
•		-					
ck, Brown (cu.yds.)							
· • ·							
ck, Gray (cu.yds.)							_
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nd (cu.yds.)	\	·			12.7	-	_
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lkway Rock Inst. (sq.yds.)							
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REPRESENTATIVE SIGNATU	IRE	· .			·	05-1752-	<b>50</b> 0
IR 1 SIGNATURE	•		613	2119		UJ-1/J2-	シブリ

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8-31-98</u> SITE #: <u>1752</u>		ADDRESS: 1400 Jefferson, G
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		= ./
SKETCH OR COMMENTS:		<u>'</u>
Mas Jas		ro com April
		05-1752-540

012310

TEAM MEMBERS: DA/ML

	1753
Tracking Number	

#### FIELD DATA SHEET 1

Address:    Grethal 1 7663   Phone No.:	Site Information:			
Phone No.:  Owner Name Address and Phone No. if Different Than Occupant:  Oker Description:  1) Description of property (circle): Ingle home duplex; business; school; daycare; church; vacant house; vacant lot; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  Omments: ACM NEAR SARANESS MAGNOLIA TREE.  Comments: ACM NEAR SARANESS MAGNOLIA TREE.  Comments: ACM NEAR SARANESS MAGNOLIA TREE.	Occupant:		Interviewee:	
GRETNA  GRETNA  GRETNA  GRETNA  GRETNA  GRETNA  GRETNA  GRETNA  Joescription of property (circle): ongle home duplex; business; school; daycare; church; vacant house; vacant lot; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know if yes, note on site sketch. How deep?  Site Sketch:    Price of Acm   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   House   Hou	Address:	G	RETWA LA	70053
GRETNA  GRETNA  In Description:  1) Description of property (circle): emple hone? duplex, business; school; daycare; church; vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  Price of ACM  Comments: ACM NSAR SARANESE (AGNOLIA TREE .  (GEC)  Date/Time of Interview: /2/3/97 /// Access Granted (circle): yes; no	Phone No.:			
1) Description of property (circle): weath lot; other duplex; business; school; daycare; church; vacant house; vacant lot; other resolution:  2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.  4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?  Site Sketch:  Price of ACM  Estimated Volume of ACM:  Comments: ACM MGAN SARANESE MAGNOLIA TREE.  (QEC)  Date/Time of Interview: 12/3/47 /// Access Granted (circle): yes; no	Owner Name, Address, and Phone No. if Diffe (b) (6)	rent Than Occupant:	(b) (6) GRETNA	
vacant house; vacant lot; other  2) Problems accessing yards (circle): locked gate; gate; dogs; other	Site Description:			
Tresolution:  3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other		ome duplex; bu	siness; school; dayca	re; church;
Site Sketch:  Prizer of Acm  House  Estimated Volume of ACM:  Comments: ACM NEAR TARANESS MAGNOLIA TREE.  (QEC)  Date/Time of Interview: /2/3/97 /// Access Granted (circle): yes; no			; other	
If yes, note on site sketch. How deep?  Site Sketch:  Piece of ACM:  House  Estimated Volume of ACM:  Comments: ACM NGAR SARANESS MAGNOLIA TREE.  (QEC)  Date/Time of Interview: 12/3/97 1116 Access Granted (circle): (yes; no	septic tank; other		; gas; electric; cab	le TV;
Estimated Volume of ACM:  Comments: ACM NGAR JARANESS MAGNOLIA TREE.  (QEC)  Date/Time of Interview: 12/3/97 11/8 Access Granted (circle): yes; no	4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don't l	now	
Comments: ACM NGAR JAPANESS MAGNOLIA TREE.  (QEC)  Date/Time of Interview: 12/3/97 1118 Access Granted (circle): yes; no	House N	e )		
Date/Time of Interview: /2/3/97 /// Access Granted (circle): yes; no	Estimated Volume of ACM:			
	Comments.	ESC MAGNOLI	A 7 REG.	
Team Members: GD JW 05-1753-510	Date/Time of Interview: 12/3/97	1118	Access Granted (circle)	: (yes; no
	Team Members: GD JW			05-1753-510

Tracking #: 1/92
------------------

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name:	
Property Address:	Gretna
State/Zip: LA 7653	_Phone Number(s)_ ⁽⁶⁾ (6)
•	· · ·

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/18/97

SIGNATURE

05-1753-520

UPDATED: __/ / sod /soil noter AC water reater sod/soit SACM SIDEWALK SOD/SOIL Sod / Soil

NOTES:	#	COVER	THICKNESS	1 1
N (NTS) One Small 3" x 3" Chunk of ACM		SodIsoil	NO ACM	1
\ near tree on the surface				
N MTS) One small 3" x 3" chunk of ACM near tree on the Surface				
restoration: a: sand				***************************************
B:				5-1753-530
C:			v	0 1700 000
ARRIVAL: 0915				
DEPARTURE: 0948	(b) (6)		, he	
DESTORATION APPROVED BY				DATE: \ (#198

DATE: 12313 98 8 TO IT 1/16/98 TEAM: DD/CJS JM 1/9/98

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

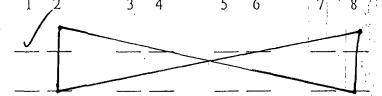
FYI:				,		<i>.</i> •
SITE#	1753		ADDRESS:	(b) (6)	1 H	F
•		,		-	14 166	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>Analytical Received</u> 2/19-78

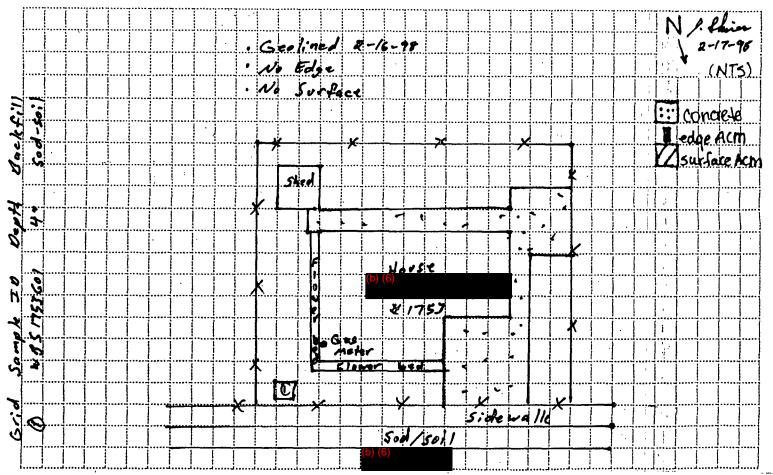
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

GRID#:



B. FURTHER ACTION NECESSARY:



05-1753-560

AUTHORIZED EPASTART REPRESENTATIVE Jobs 1- Shines 1

### EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolls, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

-5894 EME

Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASB	ESTOS		NONASBI	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% N	ONFIBROUS
WBS1551G01	b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% CF	nrysolile	:		70% Q 30% O	
WB\$1551G02		Brown Non-Fibrous Homogeneous	Crushed	: < 1% CI	nrysoiile	:		70% Q 30% Q	
WBS1753G01	;	Brown Non-Fibrous Homogeneous	Crushed	N	one Detected			70% Q 30% Q	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Aane Wasilewski Analyst

Disclaimers: PLM has been known to miss estestes in a small percentage of samples which contain eshestes. Thus negative be guarenteed. Floor tiles and wipes should be tested with either SEM or TEM. The above lest report relates only to the item may only be reproduced in full with written approval by EMSL. The above lest must not be used by the client to daim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at less time significant.

05-1753-570

Approved Signatory

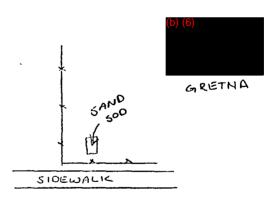
Laboratory is not responsible for the accuracy of results when requested to physically separate and snalyze tayered samples.

What yet by the performed by EMSC of molerapolis (NYL) of the party but, NSC 168-9).



1
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By <i>PM</i>	Date <u>2-17-98</u> Subjec	1 RESTORATION	site #	1753	Sheet Noof
Chkd By	Date				Proi No



05-1753-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

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	DATE	DATE	DATE	DATE			
•		i		-	EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					0.59		
6" Concrete Installation (sq. yds.)						-	
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					O.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					0.10		
Concrete (cu.yds.)		<u></u>					
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of F	Page			
COMMENTS:	<del></del>	<u></u>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
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IT REPRESENTATIVE SIGNATULE	RE .	(,	12317	<del>,</del>	· · · · · · · · · · · · · · · · · · ·		
SUB 1 SIGNATURE	_		-	· · · · · · · · · · · · · · · · · · ·			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/1/98</u> SITE #: /753		ADDRESS:	·
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	10		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:	ju de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya del companya de la companya de la companya del companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya della companya della companya de la companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della companya della c		
TEAM MEM	BERS: DA/	mL	05-1753-540

#### FIELD DATA SHEET 1

Site Information:

Occupant Interviewee:
Address:
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Same
Site Description:
Description of property (circle) single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other  resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  SACM  SACM  House  Concrde
Estimated Volume of ACM:
Comments: SACM NEXT TO SIDEWALK & NEAR FENCE IN FRONT YARD REC)
Date/Time of Interview: /2/3/47 1030 Access Granted (circle): yes; no
Team Members: 69 / 760 05 1754 510

Tracking #:	1754
-------------	------

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	(B) (6)	
Property Address:	(1-) (2-)	GRETNA
State/Zip:	Phone Number(s)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/3/97 DATE



TRACKING# __1754

SITE SKETCH ADDRESS:

UPDATED: __/ /_ Concrete 0 -SYPCM CARAGE CHNCRETE WATER METER ~ SACM Concrete MÉTER Flower Bed Concorde Shed 1 Φ O NOTES: COVER **THICKNESS** N (NTS) GRASS NO ACM 1-2" GRASS 1-3" RESTORATION: A: GRASS 05-1754-530 ARRIVAL: 1/030 DEPARTURE: 1950 RESTORATION APPROVED BY: DATE: 121 03197 U 60/JW TO IT 12/4/97 SRA

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

Amanda Hooner

05-1754-560

PAGE US

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

x (317) 570-5894

Monday, February 02, 1998

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge. LA 70816

Ref Number: 1N98286

## POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

			SAMPLE	ASBI	ESTOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1764-G01	b) (6)	Brown Non-Fibrous Homogeneous	Crushod	No	ne Detected		•		% Quartz % Other
WB51764-G02		Brown Non-Fibrous Homogeneous	Crushed	,	one Detected				% Quartz % Other
WBS1754-G01		Brown Non-Fibrous Homogeneous	Crushed	.i	one Detected				% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

" NY samples also analyzed by ELAP 198-1 Method

Jargaretz Aulpo Motgaret Phillips Analyst

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain sabestos. Thus negative PLM be guaranteed. From tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items teste may only be reproduced in full within whiten approval by EMSL. The above test must not be used by the client to datin product endout NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signature Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Another sensor furnity to EMSL at the tensor is EMSLAPA for and Bulk encourse.

05-1754-570



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Ву	M Date.	2-7-98	_Subject_	RESTORATION	SITE #	1754	_ Sheet No	of
Chkd, B	yDate						Proj. No	

		: :
	site # 1754	
31te #	(b) (6) GRETHA	
	Series	
	SAND SOO	
	SIDEWALIC	;

05-1754-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

	DATE	DATE	DATE	DATE	FOT	ACTUAL	A OT
•			· · · · · · · · · · · · · · · · · · ·		EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)	-	·			Z4.5º		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					24.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					8.≅		
Concrete (cu.yds.)							
Plastic Edging (ft.)			·				
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	'age			
COMMENTS:							·
		·	·····				
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IT REPRESENTATIVE SIGNATUR	KE .		<del></del>		<del></del>		<del></del>

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 1754		(b) (6) ADDRESS:	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	<i>D</i> **	<del>==</del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:			
Manural			
TEA	M MEMBERS: DA/	me	05-1754-540

Tracking Number	1755

#### FIELD DATA SHEET 1

Site Information:	(b) (6)
Occupant: (b) (6)	Interviewee
Address:	MARRERO LA 70072
Phone No.:	
Owner Name, Address, and Phone No. if Different T	Than Occupant:
Site Description:	
Description of property (circle): single home;     vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other Note location on site sketch.	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): (ves.) If yes, note on site sketch. How deep?	no; don't know
(b) (6)	Crete Car port  only broken wh  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumurate  cumu
Estimated Volume of ACM:	
Comments: There in request to check	le for som on side of house
Date/Time of Interview:	Access Granted (circle): ves; no
Team Members: CD	07-1755-510

Tracking	#:	175	5	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:  Property Address:  [6] (6)	,	
State/Zip: Marrero	Phone Number(s) <mark>(b) (6)</mark>	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

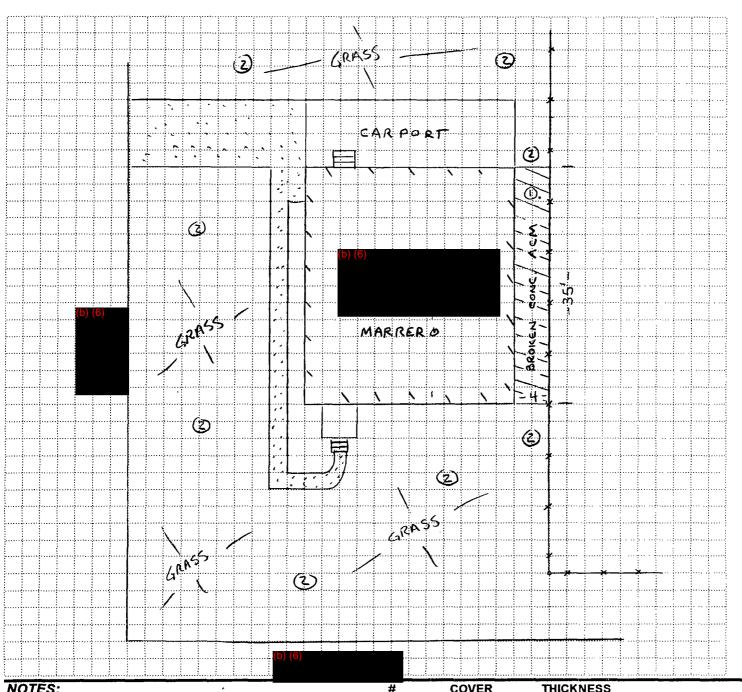
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12/9/97 DAITE SIGN**&**TURE

SITE SKETCH ADDRESS:

MARRERO

UPDATED: / /



	<u>NOTES</u>	:
	N (NTS)	
	42	
1		١.

COVER THICKNESS 0 I" CONC. 2"4" ACM **②** GRASS NO ACM

RESTORATION: A: GRASS

B: C:

07-1755-530

**ARRIVAL: DEPARTURE:** 

TEAM;

RESTORATION APPROVED BY:

VIA PHONE DATE: 12/17/97 DATE: 12 1 11 197 & To II 12/17/97

012329

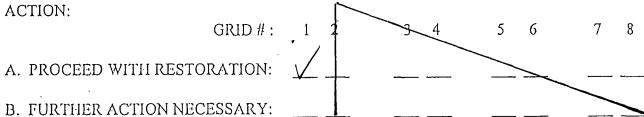
MD, PM JM 12/15/92

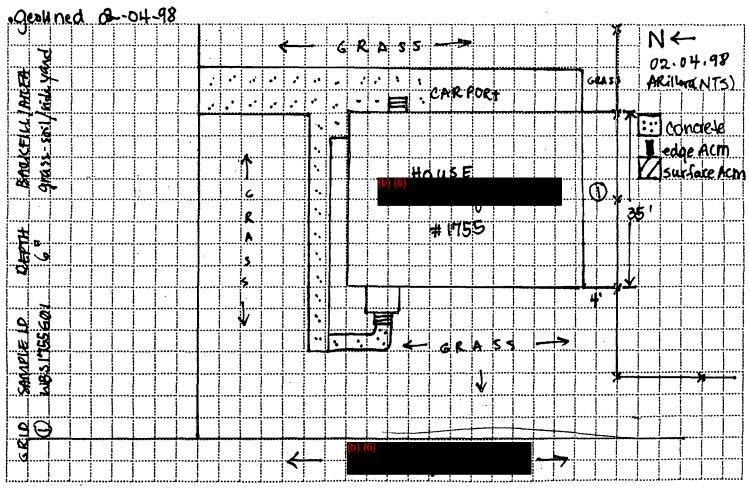
## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION **USEPA START TEAM**

FYI:			
SITE#	1755	ADDRESS:(b) (6)	
-		Marrero, LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 02.06. 98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING





AUTHORIZED EPA/START REPRESENTATIVE Alm Rellin

07-1755-560

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Alln.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

3175705894

Friday, February 06, 1998

Ref Number: 1N98344



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASB	estos		NONASB	ESTOS	
SAMPLE	LOCATION	<i>APPEARANCE</i>	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1755-G01	p) (6)	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected	; ·			Quartz Other
W8S1711-G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch		:			Ouartz Other
WBS1711-G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				6 Quartz 6 Other
WB\$1711-G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Cr < 1% Cr	-	ļ	<del>-</del>		6 Quartz 6 Other
WB\$1617-G01		Brown Non-Fibrous Homogeneous	Crushed	. < 1% Ch	•	:			6 Quartz 6 Other
WBS1617-G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	•	.i	<u>.</u>		6 Quartz 6 Other

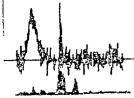
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

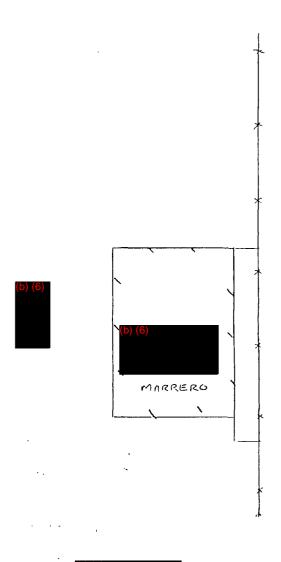
Disclaimers: PLM has been known to miss antisates in a small percentage of samples which contain asbestos. Thus negative PL to guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items to may only be reproduced in full with written approve by EMSL. The above test must not be used by the client to claim product an NVLAP ner any agency of the United States Government All "NVLAP" reports with NVLAP 1000 must contain at least one signal Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1755-570





ByPM	_Date_ <i>2-5-98</i> _	Subject RESTORATION SIFE #	1755	Sheet No	of
Chkd. By				Proj. No	



(b) (6)

# WESTBANK ASBESTOS ABATEMENT NEW, ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RES.	TOR	ATI	ON	FΩ	RM
ハにこ	ι Uπ.	HII	ON	$\Gamma \cup$	$\kappa$

SITE# _____1755___

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					18.52		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							-
Sand Installation (sq.yds.)					18.50		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)			<del></del>				
Sand (cu.yds.)			<del></del>		5.69		
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)					·		
EXTRA							
	Site Ske	tch on B	ack of F	age			
COMMENTS:		· · · · · · · · · · · · · · · · · · ·					
						07-1755-590	 D
IT REPRESENTATIVE SIGNATU	RE		·····				<del> </del>
SUB 1 SIGNATURE		<del>(;-</del>	12333	) 			<del></del>

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8.27.98		ADDRESS:	(b) (6)	
• • •		ADDRESS	<i>( , , , , , , , , , ,</i>	
SITE #: 1755  ACM LOCATED BENEATH:	<b>—</b> Ноі	JSE		
APPR. CRAWL SPACE HEIGHT:	12 ["]	:D		
DESCRIPTION OF ACM:	POV SLA			
PERCENT OF AREA (ACM)	~5%			
SKETCH OR COMMENTS:		4		
	ACM	right side		
		10	07-1755-540	<u>—</u> ]

012334

TEAM MEMBERS:

Tracking Number	1756
Tracking Number	1100

## FIELD DATA SHEET 1

Site Information:

Occupan Interviewee:
Address:
Phone No.: (b) (6)
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
SHEO SACM SACM CONCRETE  CAR PORT
Estimated Volume of ACM:
Comments:
Date/Time of Interview: $12/18/97$ Access Granted (circle): ves, no
Team Members: 06-1756-510 _

Tracking #: 1756

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)	İ	
Property Owner's Name:			
Property Address: ⁽⁶⁾			
State/Zip: HARVEY	Phone Number(s)	(b) (6)	
•	,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

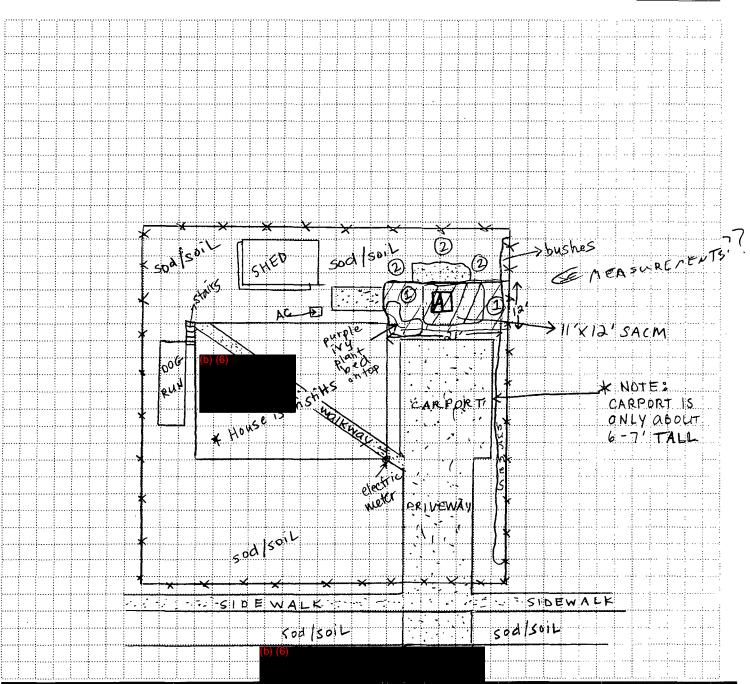
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-18-97 DATE (b) (6)
_____
SIGNATURE

06-1756-520

UPDATED: / /



NOTES: purple ivy looking plant bed

N (NTS) is located ontop (possibly)

of ACM.

#	COVER	THICKNESS	
1	Sod /50	i1 3"	
2	sod Iso	il No ACM	

RESTORATION: A: Sob / Soil

D:

C:

ARRIVAL: 10:48
DEPARTURE: 11:05

**RESTORATION APPROVED BY:** 

VIA DHONE DATE: 1/4/98

06-1756-530

TEAM: DD CJS JW 1/14/90 DATE: 1 6 198 & TO IT 1-14-98

## WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

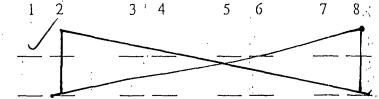
FYI:				· · · · · · · · · · · · · · · · · · ·	
SITE# 1756	;	ADDRESS:	(b) (6)		. :
	_				,

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Received 2-20-98

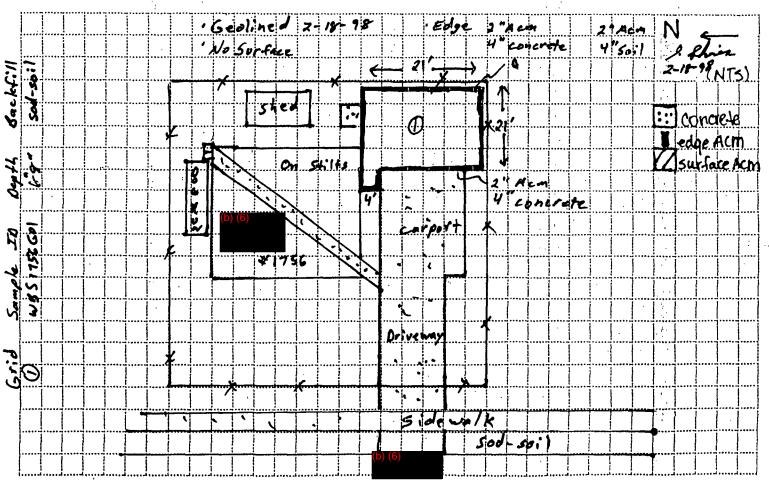
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

GRID#:



B. FURTHER ACTION NECESSARY:



06-1756-560

AUTHORIZED EPA/START REPRESENTATIVE John 7. Shires 12338

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Jody Shires

Ecology & Environment
11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, February 20, 1998

Ref Number: IN98480

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	stos		NONASBI	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROL
WB\$1734G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotlie				Quartz Other
WB\$1803G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile	İ			Quartz Other
WB\$1756G01		Brown Non-Fibrous Homogeneous	Crushed	2% Ch < 1% Cr	rysotile ocidolite				Quartz Other
WBS1428G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch < 1% Cn		 			6 Quartz 6 Other
WB\$1684G01		Brown Non-Fibrous Homogeneous	Crushed	2% Ch	nrysotile ocidolite				6 Quartz 6 Other
WBS1788G01		Brown Non-Fibrous Homogeneous	Crushed	; No	one Detected				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jáne Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative if be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product if NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

06-1756-570



Ву <i>УМ</i>	Date 2-19-98	_Subject_	RESTORATION SITE	#17	156	Sheet No	_of
Chkd. By	Date				<del></del>	Proj. No	

24170 50D HARVEY

06-1756-590

1 012340

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### **RESTORATION FORM**

SITE # ________

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
ļ					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					<u> 50. ఇ</u>		
6" Concrete Installation (sq. yds.)					-		
4" Concrete Installation (sq. yds.)			 				
Sand Installation (sq.yds.)					E.O. &		
/ ′Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					24 .≅		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							•
Topsoil (cu.yds.)							
EXTRA					·		
	Site Ske	tch on B	ack of F	'age			
COMMENTS:	:		<del></del>				
	· 		·				
· · · · · · · · · · · · · · · · · · ·		······		·	06	-1756-590	- <del></del>
IT REPRESENTATIVE SIGNATU	RE			·			
SUB 1 SIGNATURE							



### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

#### REGION 6 1445 ROSS AVENUE, SUITE 1200 DALLAS, TX 75202-2733



April 9, 1998

Dear Resident:

An environmental response action has been completed at the property located at:

(b) (6)

in Gretna, Louisiana.

Your property was inspected and the subsequent response action was implemented according to the scope of action describe in the Westbank Asbestos removal project's Action Memorandums (see reference below paragraph). All areas of excavation during this project have been restored with a black geo-fabric liner before being backfilled. Attached are copies of sketches detailing your property inspection and restoration, area(s) excavated with sample grids and sample number, and the actual restoration taken. The analytical laboratory results with your particular sample number(s) are included.

The response action was conducted at this property as well as other residential properties surrounding a former manufacturing facility that produced asbestos-containing products. Waste asbestos materials and off-spec aggregate was distributed throughout the Westbank communities at little-or-no costs. The property locations targeted by this response action are those having this specific waste asbestos-containing materials (ACM) found at or near the surface in publically accessible areas. This specific ACM readily deteriorates when subjected to mechanical disturbances or by other destructive forces over the years. If deterioration of these locations were allowed to continued, the ACM will turn to a powder which can become airborne. Exposure of the public to fibers via inhalation would result.

The Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been working to address environmental problems related to the asbestos-containing materials found in the Westbank area near New Orleans. The EPA, after consultation with the Agency for Toxic Substances and Disease Registry (ATSDR), has determined that this response action is sufficient to immediately protect public health. This determination and a detailed description of the response action is documented in an EPA Action Memorandum and an Amended Action Memorandum dated August 23, 1996 and April 3, 1997 respectively.

At a later date, we will distributing a helpful fact sheet on what to do with ACM in the event if discovered in the future after the Removal Project is completed. I will forward this fact sheet to the above address. If you have any questions, please contact the EPA field office in Harvey at (504) 367-6788.

Sincerely yours

On-Scene Coordinator

06-1756-600

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/4/98 SITE #: 1756		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	_6'	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		<del>_</del>
SKETCH OR COMMENTS:		
War and the second		Louse is elemented
		06-1756-540

012343

TEAM MEMBERS:

Site Information:

#### FIELD DATA SHEET 1

Address:	(b) (6)	GRETNA	LA 70093	
Phone No.:	) (6)			
1	Address, and Phone No. if Differe	ent Than Occupant:		
Site Descrip	tion:			
Description     vacant house	n of property (circle): single horse; vacant lot; other	ne; duplex; busi	ness; school; dayc	are; church;
2) Problems a resolution:	ccessing yards (circle): locked g	gate; gate; dogs;	other	
septic tank;	nd utilities installed by owner? (cir ; other on on site sketch.	cle): no; water;	gas; electric; cal	ole TV;
	rground ACM present? (circle): on site sketch. How deep?		ow	
Site Sketch:	House	*	*	Pool
Estimated Volu	ume of ACM:		*	
•	around drainpy	e, referred	by IT	
Date/Time of I	Interview: 12/3/47	1000	Access Granted (circle	ves; no
Date/Time of I	interview.	7000	Access Granted (circle)	yes, no

_
•

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

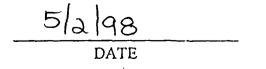
Property Owner's Name:	(6)		~
Property Address:		T(b) (6)	<del></del>
State/Zip. GRETNA, LA	Phone Number(s)		
, TC	×53		UK

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

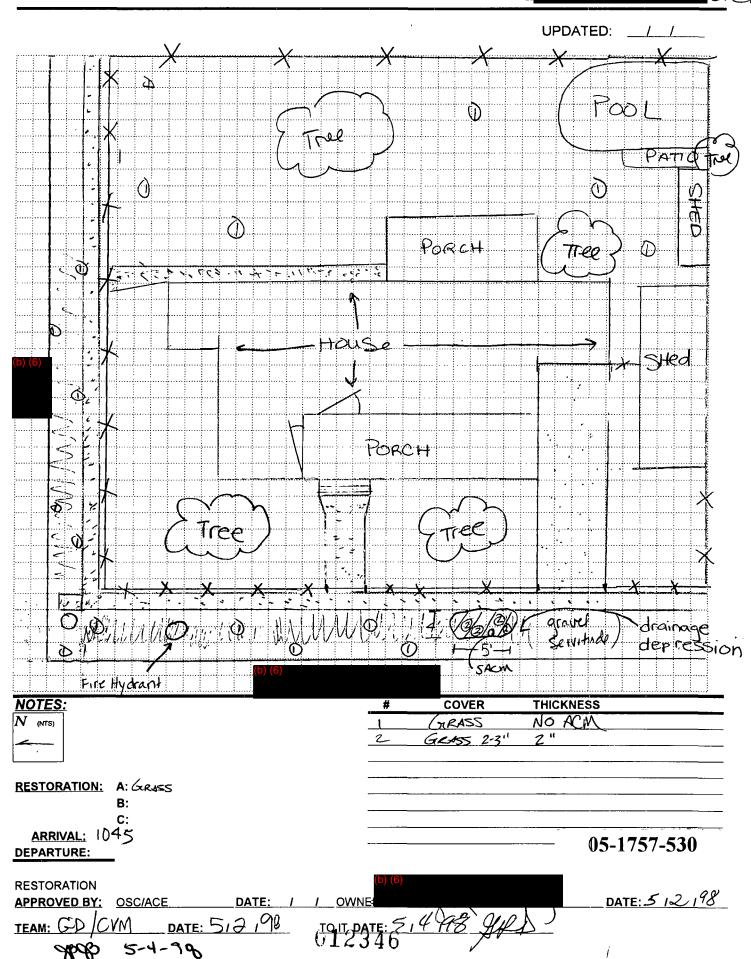
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.







#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

		•	OBLIABI	IMIL IDM	.V.I.			
FYI:		4. (*. 1			;			
SITE# <u>1757</u>		1		ADDRE	(b) (6)			
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CITE CANCEL						•		
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BASED ON AI	N EVALU	JATION OF TH	E ANALYTI	CAL DATA, V	WE RECO	MMEND TI	HE FOLL	OWING"
		GRID#	1 2	3	4 5	6	7 8	•
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3: FURTHER .	ACTION 1	NECESSARY:						
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			? PORCH	16.3	bna:	3851757601	Uppat 1	sod Soil
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		3	(1234	7				

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Chris Samsome Ecology & Environment (11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

Thursday, May 21, 1998

Ref Number: IN981597

POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/118 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	<u>NONASBESTOS</u> FIBROUS %	NONFIBROUS
(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite			% Quartz % Other
	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crockdolite			% Quartz % Other
	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie			% Quartz % Other
	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			% Quartz % Other
	LOCATION (b) (6)	Brown Non-Fibrous Homogeneous Brown Non-Fibrous Homogeneous Brown Non-Fibrous Homogeneous Brown Non-Fibrous	Brown Crushed  Brown Crushed  Brown Crushed  Brown Crushed  Brown Crushed  Non-Fibrous Homogeneous  Brown Crushed  Crushed  Crushed  Crushed  Crushed  Crushed  Crushed  Crushed  Crushed  Crushed  Non-Fibrous Homogeneous  Crushed	LOCATION APPEARANCE TREATMENT % TYPE    Brown	Brown   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushe	Brown   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushed   Crushe

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyze by ELAP 198-1 Method

Jar Wasile yski Analyst

> ectainers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negati guaranteed. Floor tiles and wipse should be tested with either SEM or TEM. The above test report relates only to the ite by only be reproduced in full with written approval by EMSL. The above test must not be used by the cliant to claim produ VLAP nor any agency or the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one a aboratory is not responsible for the accuracy of results when requisated to physically separate and analyza layered sample.

Signatory

Approved

05-1757-570



Date 5-20-98 Subject RESTORATION SITE # 1757 Sheet No ____of_ Proj No _ Chkd By____Date_ GARAGE SIDE WALK ROCK : 05-1757-590 612349

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

### RESTORATION FORM

* SITE# _____1157

	DATE	DATE	DATE	DATE			
1	DP.12	PAIL	DAIL	DATE	EST.	ACTUAL	ACT
-	<del></del>				•		ACT.
					QTY.	QTY.	T COMP.
Rock Installation (sq.yds.)	·				15.≌		
							1
Sod installation (sq.yds.)					5. ⁹ 2	1	
6" Concrete Installation (aq. yds.)					·		
All Conserve Installation (on side)		}					
4" Concrete Installation (sq. yds.)					 		<del> </del>
Sand Installation (sq.yds.)		"			5.°°		
				`	<u> </u>		
Lower Lift Sand				<u> </u>			
				,			
Rock, Brown (cu.yds.)							
Book Grov Journal		}					
Rock, Gray (cu.yds.)							
Sand (cu.yds.)		1			2.∞		
, , , , , , , , , , , , , , , , , , ,							
Concrete (cu.yds.)					6.8		<u> </u>
Plastic Edging (ft.)							<del> </del>
Walkway Rock Inst. (sq.yds.)	1				·		1
Walkway Nock Illot (Sq.yus.)						<u>                                     </u>	<del> </del>
Topsoil (cu.yds.)							
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
EXTRA							<u>                                     </u>
	j		•			•	
	Site Sket	ch on Ba	ack of P	age	5		
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#### Resident Contact Log Owner

Proper Owner Curren	Name:	(b) (6)		( <b>:</b>	Gretna LA	
M/P/W	Date	Time	Init	R/I	Comments	Status
ρ	4/29	1456	CUM	I	temenou.	
M	4/30	1400	cm	I	went by Amo to pick up access,	-311-9553
P	4/30	1433	CVM	T	(called 10) (6) Set up time for	
M	5/2	1045	CM	I	Calad (b) (6)  Calad (b) (6)  Set up time for 1100 SMT, 5/2/98  START met up (b) (6)  Collacko Sign access, cketchdsit	oroceduo skoth apon
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M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 1757		ADDRESS:	(b) (6)  Overlya
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		±	
SKETCH OR COMMENTS:			
No Acm			
	1.		05-1757-540

U12352

TEAM MEMBERS:

Tracking Number	1758

#### FIELD DATA SHEET 1

Site Information:	
Occupant: Vacant Lat	Interviewee:
Address:	Gretna, LA 76853
Phone No.:	
Owner Name Address and Phone No. if Different	Than Occupant: out of service
Site Description:	
Description of property (circle): single home vacant house; vacant loi; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate resolution:	e; gate; dogs; other
3) Underground utilities installed by owner? (circle septic tank; other  Note location on site sketch.	
4) Is any underground ACM present? (circle): yes If yes, note on site sketch. How deep?	r; no; don't know
(b) (6) Estimated Volume of ACM:	Tree (sp)n  RCM Q
Comments: Corner of (b) (6)  1111 Kaplar has acm around?	, large tree near
	Access Granted (circle): yes; to
Team Members: (4) / JW	05-1758-510

1758

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's I Property Address:_	Vame: (b) (6)	(6)	- · · · · · · · · · · · · · · · · · · ·	
State/Zip:	lj.	Phone Number(s ^{6) (}	5)	
	1. T	·		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

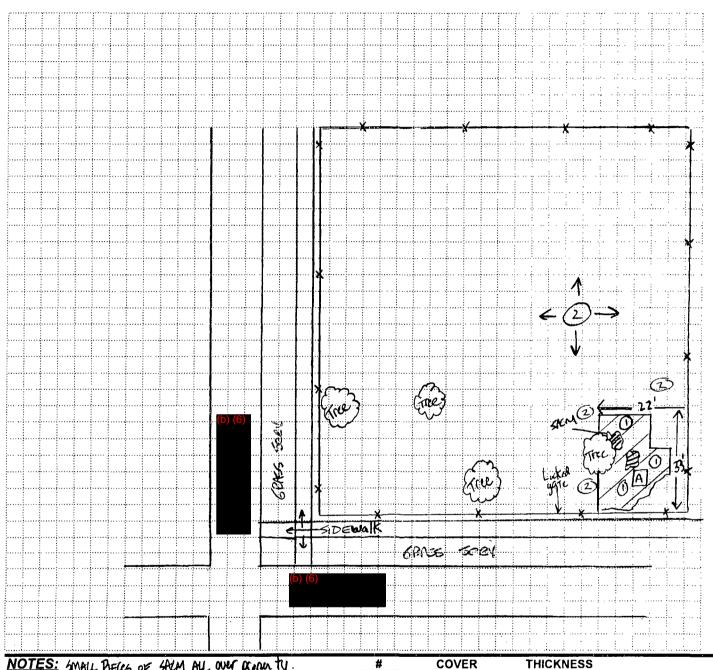
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

6/10/98 DATE (b) (6)
SIGNATURE

UPDATED: 5/19/98



NOTES: SMALL PIECES OF SALM ALL OVER GIVEN TY.	# COVER THICKNESS
VOTES: SMALL RELES OF SALM ALL OWN property.	(1) 1-3"501501 2-3" ACM
	(2) 6" Sad Soil —
RESTORATION: A: Sod Soll	
B: C:	
ARRIVAL: 1350	05-1758-530
DEPARTURE:  ዛሪያ	03-1730-330

RESTORATION

APPROVED BY: OSCIACE 9/W DATE: 5 120 198 OWNER (VERBAL) DATE: 6/10/98

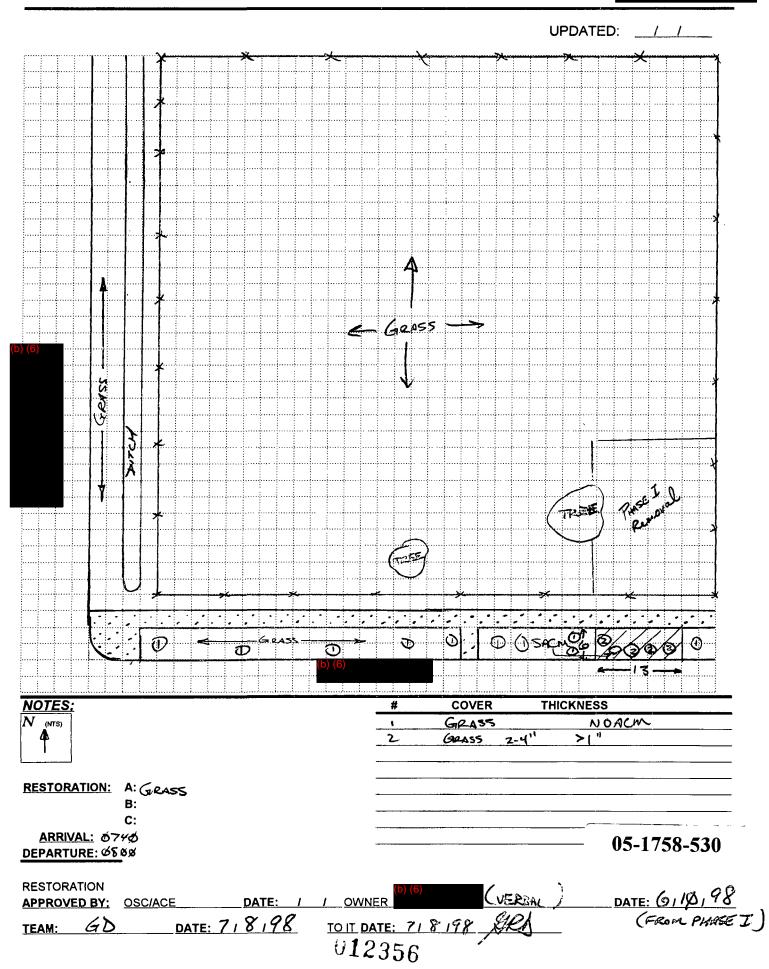
TOIT DATE: \$15120/98 * 6/10/98 DATE: 5 /19 /98

TRACKING # ____1758

SITE SKETCH

ADDRESS: CORNER OF

VACANT LOT



WYLL 11 Lin .... ..

## SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 1758

ADDRESS: Corner of Gretna, LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON no arolytical as of 7-1-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRUD#:

05-1758-560

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:

au (NTS)

AUTHORIZED EPA/START REPRESENTATIVE 012357

# SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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DET AT

# EMSL Analytical, Inc.

4336 E: 7508 St., SHART 252 Indianapolis, IN 46250

Phone: (317) 579-5892

Fax: (317) 570-989 EMSI

Attn.: Chris Sansome **Ecology at Environment** 11550 New Castle Avenue Suite 250

Baton Rouse, L.A. 70816

Ref Number: IN982295

Monday, July 13, 1998

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 609/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ARRESTOR % TYPE	<u>Nonaibeetoe</u> % pibrous % nonpibrou
WB31963Q01	-(b) (6)	Brown Non-Fibrous Homogeneous	Cruehed	None Detected	100% Other
WB81840G01	=	Brown Non-Fibrous Homogeneous	Cruehed	3% Chrysottle < 1% Crockfalite	97% Other
WB81840302	=	Brown Non-Pibrous Homoganeous	Cruehed	None Detected	100% Other
WB61768G02	=	Brown Non-Pibrous Homogeneous	Crushed	2% Chrysotile < 1% Crockfolks	96% Other
WB81999G01	=	Brown Non-Pibrous Homogeneous	Crushed	None Detected	100% Other
WB\$1999@02		Brown Non-Fibrous Homagenéous	Cruehed	2% Chrysotile	96% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered eximples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsumples.

" NY samples also enalyzed by ELAP 198-1 Method

Richard K. Harding **Analyst** 

Approved Signatory

intrees: PLM has been known to mise asbestos in a erroll percentage of samples which contain asbestos. Thus negoti useanised. Samples reported as <1% or none delected should be tested with either SEM or TSM. The above test report of. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the of resement by NYLAP nor any agency of the United States Government. All TYVLAP reports with NYLAP loop must contain a willd. Laboratory is not responsible for the sockrapy of results when requested to physically separate and analyze layer

05-1758-570



Analysis performed by SMSL Instanspolis (NVLAP Air and Bulk #200188-0, )



STORES OF THE STORES

3000

Ву <i>РМ</i> _	Date <u>_7-10-                                   </u>	Subject Restonation 3	its #	1758 ==	_Sheet Noof	
Chkd. By	Date				_ Proj. No	

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05-1758-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

#### RESTORATION FORM

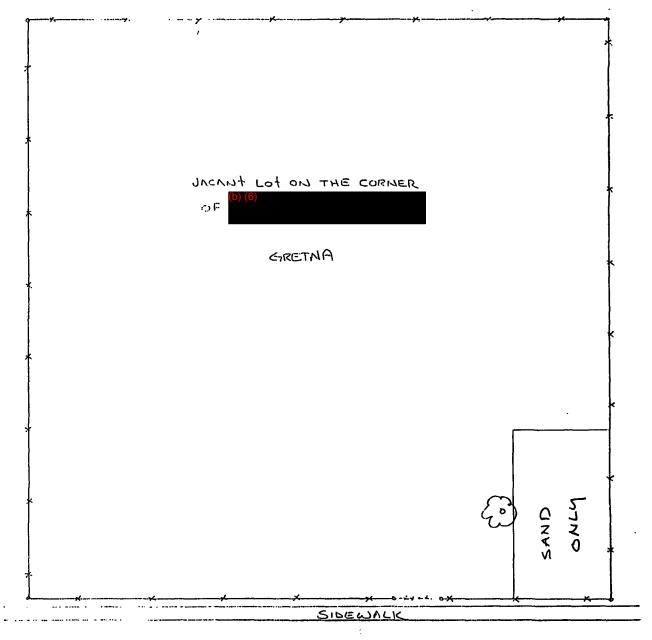
SITE# ____1758 II

	DATE	DATE	DATE	DATE	COT	A OTHAL	4.07
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)	·						
4" Concrete Installation (sq. yds.)					·····		
Sand Installation (sq.yds.)					12.50		
Lower Lift Sand					· · · · · · · · · · · · · · · · · · ·		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					6.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							_
Walkway Rock Inst. (sq.yds.)							_
Topsoil (cu.yds.)							_
EXTRA							
	Site Ske	tch on B	ack of P	age			
COMMENTS:	· • • • • • • • • • • • • • • • • • • •				· · · · · · · · · · · · · · · · · · ·	·	
		<del> </del>			05-	1758-590	·
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE			0123	36 <b>1</b>			



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(b) (6)

05-1758-590

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### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

SITE# 1758 I

	DATE	DATE	DATE	DATE	ret.	ACTUAL	A C T
-					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)			,				
Sand Installation (sq.yds.)					88.≅		
Lower Lift Sand			-	,			ļ
Rock, Brown (cu.yds.)							ļ
Rock, Gray (cu.yds.)							-
Sand (cu.yds.)	·				36.∞		
Concrete (cu.yds.)					-		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA			L				
	Site Ske	tch on B	ack of P	age			
COMMENTS:							
IT DEDDESENTATIVE CIONATIV	<b>.</b>		Ü	12363	05-1	758-590	

### Resident Contact Log Owner

Residence Number:	1758		1		
Property Address:_	Vacant Lot	Gorner of 6	) (6)		
Owner Name:	ì			•	
Current Location/P)	hone/Fax:		<del></del>		

M/P/W	Date	Time	Init	R/I	Comments	Status
P	5/12	H30	CK	I	Called tax assessor, received name e address > (b) (6)	
			: 4		(b) (6) Gretna.	
ρ	5/12	1435	CL:	I	Called information, received phone # for (b) (6)	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t
ρ		0848			Phone 6 -# (b) (6)	1#
W	5/14/48	_	CK:	I	has been changed to a non-published Mailed agreement forms to above a waress.	, , , , , , , , , , , , , , , , , , ,
M	6/6/98	1100	9w		Piceso up tuecs Form	4 6 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5
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M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

Date: 6-10-98

(b) (6)

Westbank Asbestos Removal Project U.S. Environmental Protection Agency 2150 Westbank Expressway (Trailer in rear) Harvey, LA 70058

Dear property owner,

We have been unable to contact you regarding the suspect Asbestos Containing Material (ACM) on your property at the address listed below. Asbestos removal assistance and this project is nearing completion. Please contact us as soon as possible. Attached is a Fact Sheet describing the EPA Westbank Asbestos Removal Project.

Please phone:

504-363-2980 or 504-367-6788

Thank you very much for your cooperation.



05-1758-600

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

ACM LOCATED BENEATH: HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:  CHUNKS  POWDER  SLAB	
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:	
) — <del>[]</del>	05_1758_540

TEAM MEMBERS:

### FIELD DATA SHEET 1

Occupant:	Interviewee:
Address:	Gretna HA 70053
Phone No.:	THE PIN 19955
Owner Name, Address, and Phone No. if Different TI	
Site Description:	
Description of property (circle): single home;     vacant house; vacant lot; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other	no; water, gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	
Estimated Volume of ACM:  Comments: Bahind flowerbada name	to house - referred by IT
Date/Time of Interview: 12/3/97 10/0	Access Granted (circle), yes; no

Tracking #:	1759

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)			
Property Owner's Name:			<del></del>
Property Address:			
	Phone Number(s)	(b) (6)	
7005	3		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

rieway was. (b) (6)

SIGNATUIÈE

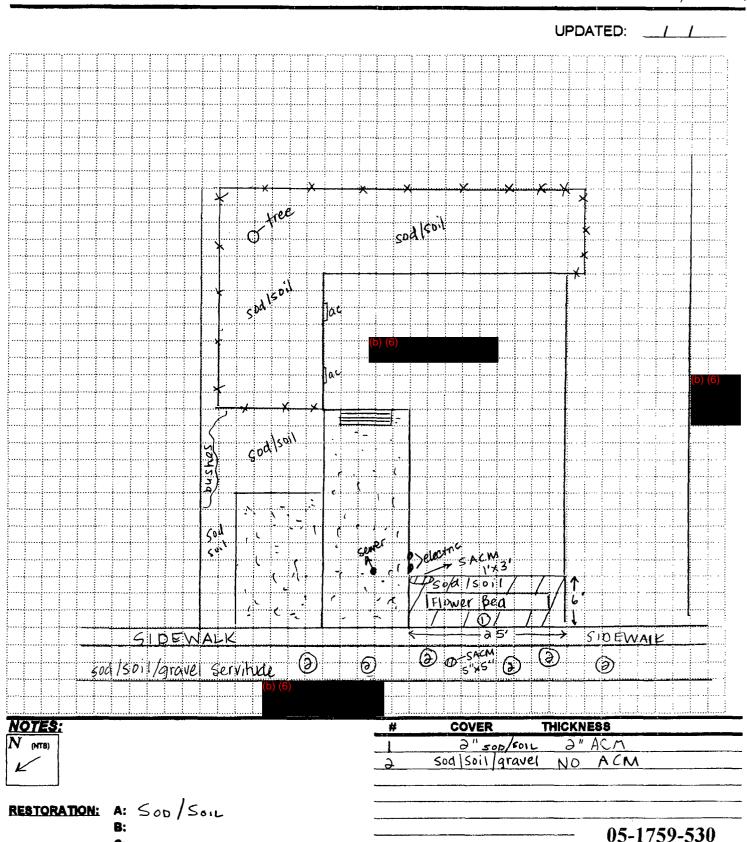
) (6)

Please contact the EPA regarding the asheous in your yord near the flower bed. Our number is 363-2980 Thank your.

EPA by Thore

Their contact by PR.

There on the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of the phone of t



RESTORATION APPROVED BY: DD/CJS JW 1/14/98 TEAM:

ARRIVAL: 9:15 DEPARTURE: 9:30

Via Priorit DATE: 1/14/98 DATE: 1 19 198 PTO IT 1/14/98 *0***1**2369

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		•		1. 10.	. •
SITE#	1759		ADDRESS: (b) (6)		
	.:		60	ietna, La.	

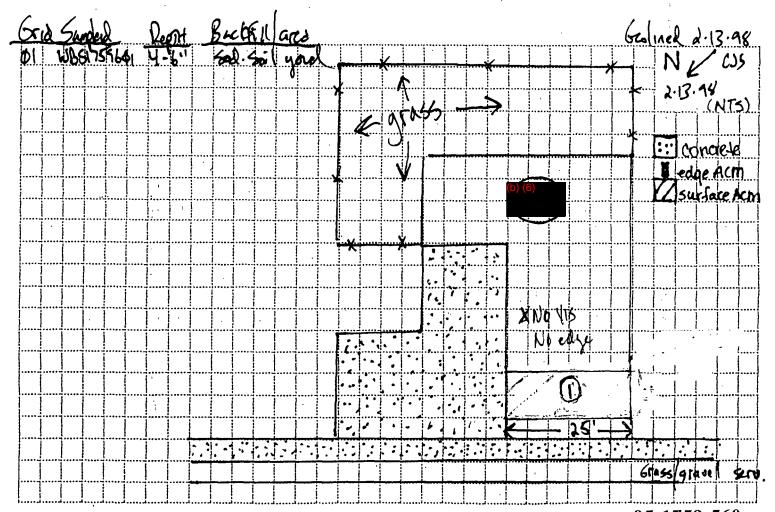
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>Analytical Received</u> 2-17-78

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



05-1759-560

AUTHORIZED EPA/START REPRESENTATIVE 123787- Line 1

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

eMSL 998

Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge. LA 70816

U170700009

Tuesday, February 17, 1998

Ref Number; IN98437

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	A\$	ESTOS		NONA\$B	<u>ESTOS</u>	1
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	% NON	FIBROUS
WBS1759G01	(b) (6)	Brown	Crushed	1% (	hrysotlle	:		78% Quar	ız
•	i	Non-Fibrous	•	1% (	racidolite			20% Other	
		Homogeneous		•		İ			ł
									- 1

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips

Analyst

Approved Signatory

05-1759-570

Disclaimers; PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to daim productive. AVLAP has any agency of the United Status Government. All "NYLAP" reports with NYLAP logo must contain at least one stables and shall be contained to the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolie (NYLAP Air and Bulk #200188-0).



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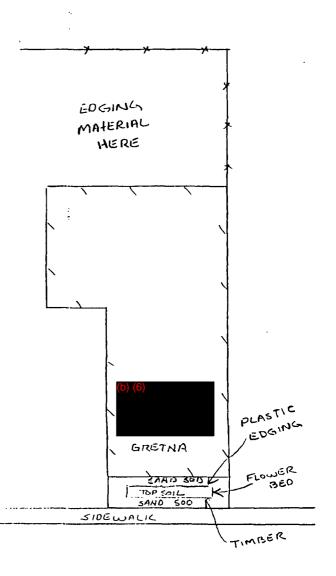
ВуРМ	Date_2-/6-98	Subject.	RESTORATION	site #	1759	Sheet No	of
Chkd. By	Date					Proj. No	

NOTE !

REINSTAIL EDGING ON TOP OF SAND TO REPLACE FLOWER BED.

FILL IN EDGING WITH TOP SOIL.

EDGING MATERIAL IS IN REAR YARD.



05-1759-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

### RESTORATION FORM

SITE#	1759	

				EST. QTY.	ACTUAL QTY.	ACT. COMP.
				QTY.	QTY.	COMP.
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<u>-</u>				16.50		
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Ske	tch on B	ack of P	age			
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				05-	1759-590	· · · · · · · · · · · · · · · · · · ·
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	<u> </u>	12373	3 ,			<del></del>
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# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/28/98</u> SITE#: <u>1759</u>		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:		,	
No Acm			
TEAM MEI	MREDS: 0071	011	05-1759-540

12374

×	meighbors say a young mon named # on House sap 904	sing there.	
*		Tracking Number	176Φ
	Greate City hall records show that a (5) (6) is the owner-from a fire repor	+ in 1990.	•

### FIELD DATA SHEET 1

Occupant:	Interviewee:
Address: (b) (6)	Gretna LA 7\$\$53
Phone No.:	,
Owner Name Address and Phone No. if Diff	erent Than Occupant:
Site Description:	
Description of property (circle): single!     vacant house; vacant lot; other	home; duplex; business; school; daycare; church;
	ed gate: gate: dogs: other
3) Underground utilities installed by owner? (	(circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes, no; don't know
Site Sketch:	X X X
) (6)	SACM
<u> </u>	House SACM Pier
Estimated Volume of ACM:	
Comments: Vacant -CANT FIND OW	NER

(b) (6)

From Fire Report 1990

(b) (6) - Fire an

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

1760

(D) (6)		
Property Owner's Name		
Property Address	·/,	
State/Zip: 70063 Phone Nu	mber(s) (b) (b)	
4.	· / -	$\overline{}$

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

5-28-98 DATE (b) (6)
SIGNATURE

### Resident Contact Log Owner

Residen			( <del>6)</del>	)			
Propert	-	·ess:_			Gretna:		
Owner		·					
Curren	t Locati	ion/Pho	ne/Fax	:			•
r							
M/P/W	Date	Time	Init	R/I	Comments	Status	
M	5/7	1055	CVM	I	ponted out a truse rearry w	Cer ho	
					funks owers live 10,6 Gr. No answers that theyse rold	1	
M	5/27	1044	CVM.	I.	Knocked & (b) (6) maniamened funt- (b) (6) - Sheard bein this after Called (b) (6) - ver mother (2) is (b) (6)	his wifes fa	mily
P	5/27	1255	CVM,	I	Called (b) (6) - her mother (2) is (b) (6) START WITH CARD OF GOODS for her co	usin to lite a	مر ا
Μ	5/27	1315	CvM	I	STATET WITH CHOP O'LL CROCKS for her (a) mod w/ (b) (6) Che gave name causin who has power a Attorrow	ε # ^δ 7, (b) (6)	
				_	when if the origery. Name is (6)	© 1	
P	5/27	1614	CVM	I	Cally (6) (6) arranged to come our	10	
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M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

UPDATED: 1 Neighbor Alley ROAD CAR belongs SACM to creasing living HHW SACM MOCO SIAT HOUSE Concrete in por condition may be layed over Bust ۷, COVER NOTES: **THICKNESS** 361 8479 Drt/Gravel (NTS) Giass RESTORATION: A: 501 B: Grass C: Concrete ARRIVAL: 140 05-1760-530 DEPARTURE: 140 /CVM DATE: 613198 TOIT DATE: 613198 JULY DATE: 613198 **RESTORATION** APPROVED BY: OSCIACE TO DATE: 613 1980WNER

012378

MY LUNCHER CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR

# SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	,												
SITE# 176	0	ADDRESS: (b) (6)	· ·										
•	· · · · · · · · · · · · · · · · · · ·		Grefua										
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Analytical as of 6.22.93  BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING													
ACTION:	GRID#: 1 2	3 4 5	6 7 8										
A. PROCEED WITH	RESTORATION: 🗸 🗸	/											
B. FURTHER ACTIO	N NECESSARY:												
Grid Sample ID Dept	h Notes	geolined 6	,·22·98										
02 h851740602 6			PU 0.22.										
		WOODEN	::: conciete										
		House	edge Acm Zsurface Acm										
		(2) H											
		3											
	***************************************		05-1760-560										
	START REPRESENTATIVE	Cal Tropan	6.27.93										

# EMSL Analytical, Inc.

6330 E. 73th St., Sude 157 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894 EMS

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Thursday, June 25, 1998

Ref Number: IN982071

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020401 WESTBANK ASBESTOS

	·		BAMPLE	ASPESTOS	NONASSERTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS % N	IONFIBROUS
WB61792927	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottia	100% (	Other
WBS1702028		Brown Non-Fibrous Homogeneous	Crushed	None Detacted	100% (	Aher .
WB81760Q01		Brown Non-Fibrous Homogensous	Cruehed	None Detected	100% (	Other ·
WBS1780G02		Brown Non-Fibrous Homogensous	Crushed	None Detected	100% C	Other
WBS1760G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile	98% (	Other
WBS1829G03		Brown Non-Fibrous Homageneous	Cruehed	None Detected	100% (	Other

Comments: For all dividually heterogeneous samples easily separated into aubsamples, and for layered earlipse, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also shalyzed by ELAP 198-1 Method

Analyst

Approved Signatory

05-1760-570

Discielmer's: PLM has been known to mise asbestas in a small percentage of samples which contain asbestos. Thus negati-be gerenteed. Semples reported as 41% or none detected should be trated with either SEM or TEM. The above test must report tested. This sepont may only be reproduced in part with written approval by EMSL. The above test must not be used by the oil substantant by NVLAP not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must conta to be valid. Leboratory is not responsible for the scauracy of results when requested to physically separate and analyze layer.

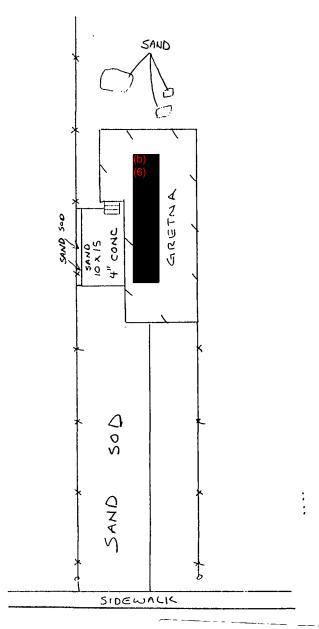
Analysis performed by EMBL indianapolis (NVLAP Air and Bu



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 By
 PM
 Date 6-23-98
 Subject RESTORATION SITE # 1760
 Sheet No. ____of ____

 Chkd. By
 Date ______
 Proj. No. _____



012381

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE #1760	
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	DATE	DATE	DATE	DATE			
<b>:</b> :					EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)				:	93.**		
6" Concrete Installation (sq. yds.)				,			
4" Concrete Installation (sq. yds.)					16. <u>50</u>		
Sand Installation (sq.yds.)					126. ⁵⁰		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					45.2		
Concrete (cu.yds.)					Z.ºº		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	age			
COM!MENTS:		•		· · ·		•	
<del></del>			·				<del></del>
					05-1	760-590	
IT REPRESENTATIVE SIGNATUR	KE			-			

012382

SUB 1 SIGNATURE

SUB 2 SIGNATURE

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 1960	(b) (6) ADDRESS:
ACM LOCATED BENEATH:  APPR. CRAWL SPACE HEIGHT:	HOUSE SHED
DESCRIPTION OF ACM: PERCENT OF AREA (ACM)	CHUNKS POWDER SLAB
SKETCH OR COMMENTS:	slab appaars to covered   with the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of
(b) (6)	

TEAM MEMBERS:

DA/ML

05-1760-540

Tracking Number _	176	

### FIELD DATA SHEET 1

Site Information:		
Occupant:	I	nterviewee:
Address:	Bridge	+4
Phone No.:	•	
Owner Name Address and Phone No. if Diffe	rent Than Occupant	,
Site Description:		
4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	ome; duplex; busine	ess; school; daycare; church;
Problems accessing yards (circle): locked resolution:		other
3) Underground utilities installed by owner? (c septic tank; other Note location on site sketch.  Note location on site sketch.		gas; electric; cable TV;
4) Is any underground ACM present? (circle): If yes, note on site sketch. How deep?	yes; no; don't knov	V
Site Sketch:  (b) (6)  (c) (6)	Scottered ACM	X X
Estimated Volume of ACM:		
Comments:		
Date/Time of Interview:	A	ccess Granted (circle): yes; no
Team Members:		04-1761-510

Tracking #:

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)		
Property Owner's Name:		
Property Address:	(1-) (0)	
State/Zip: 700 74	Phone Number(s)_	
- <i>L</i>		
	· · · · · · · · · · · · · · · · · · ·	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

SIGNATURE

UPDATED: __/_/ SACM PIECES IN GARDEN GARDEN (3 (3) (3) (<del>)</del>

N (NTS)

NOTES: AREA (A) IS EXISTING GRASS BUT USED FOR PARKING.

#	COVE	ER	THICKNESS	
①	1= 3"	GRASS	2"-5" ACM	
(2)	6"	SHELL	SACM PIECES	
(3)	ام ا	CARASS		

RESTORATION: A: Limestone

B: Soo/ Soil

04-1761-530

**ARRIVAL: DEPARTURE:** 

RESTORATION APPROVED BY:

VIA PHONE DATE: 1/12/98

TEAM: MD, PM, JW 1/9/98 DATE: (117398 98 @ TO IT 1/12/98

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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SITI	E#			17	61											٨	DI	วณ	ESS	S: _	(b)	(6)								Br	ida	و(	4
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AUTHORIZED EPA/START REPRESENTATIVE

612387

04-1761-560

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Jody Shires
Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBE	<u>\$10\$</u>	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1761G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	1 < 1% Chr	ysotile				Quartz Other
WB\$1761G02		Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected				Quartz Other
WBS1761G03		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	-	!			Quartz Other
,WBS1761G04		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotlle		•		Ouartz Other
WBS1643G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch < 1% Cro	•	<u> </u>			6 Quartz 6 Olher
WBS1643G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst 04-1761-070

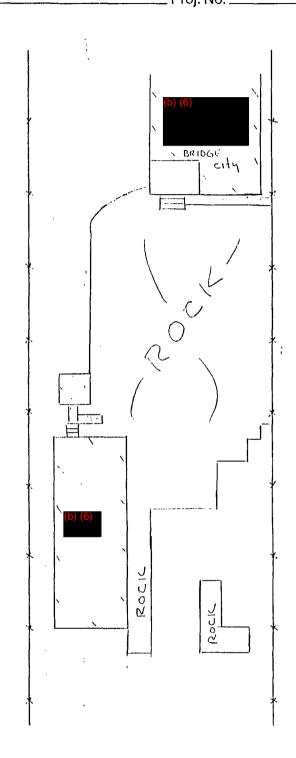
Approved Signatory

04-1761-570

Olaclaiment: PLM has been known to miss exheeted in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor files and wipes should be tested with either SEM or TEM. The above test report relates only to the liter may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to datim productive. All "NVLAP not any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sit Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of indianapolls (NVLAP Air and Bulk #200188-0).



Ву	Date <i>2-19-18</i>	_Subject	Restorntion) s	site -#	1761	Sheet No	of
Chkd By	Data					Proj No	



04-1761-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

### **RESTORATION FORM**

SITE # 1761

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
:				<u> </u>	QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					Z88. [∞]		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)						,	
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					78. ²²		
Sand (cu.yds.)							<u> </u>
Concrete (cu.yds.)							ļ
Plastic Edging (ft.)							ļ
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				,			
EXTRA							
	Site Ske	etch on B	ack of F	Page			
COMMENTS:			<del></del>				<del></del>
					04-1	1761-590	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		4 • 4	000				

### WESTBANK ASBESTO'S REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8 1/98 SITE #: 1761		ADDRESS: Bridge City
ACM LOCATED BENEATH:  APPR. CRAWL SPACE HEIGHT:	HOUSE SHED	<del></del>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	~1%	=
SKETCH OR COMMENTS:  (b) (6)	(b) (6)	

TEAM MEMBERS:

GB/JS

04-1761-540

#### FIELD DATA SHEET 1

**Site Information:** 

Occupant: Interviewee:
Address: Marraro, LA 70/12
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
Estimated Volume of ACM:
Comments: Phone in request
Date/Time of Interview: 12/11/97  Access Granted (circle): yes; no N/H
Team Members: C35 PM 07-1762-510

DATE: <u>9/24/98</u> SITE#: <u>1767</u>		ADDRESS: (b) (6)
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		<u>-</u>
SKETCH OR COMMENTS:		
no Acm		

TEAM MEMBERS: TS EW

07-1762-540

#### FIELD DATA SHEET 1

Site Information:
Occupant: Vacant Hause Interviewee:
Address: (b) (6)  Gretna LA 70053
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Estimated Volume of ACM:
Comments: Building to the right of (b) (6) - referred by IT
Date/Time of Interview: 12/3/97 8945 Access Granted (circle) yes, no
Toom Mombons: (A) / (4)

Tracking #: 1763	
------------------	--

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property Address:		Oretna
State/Zip: La	Phone Number(s)	

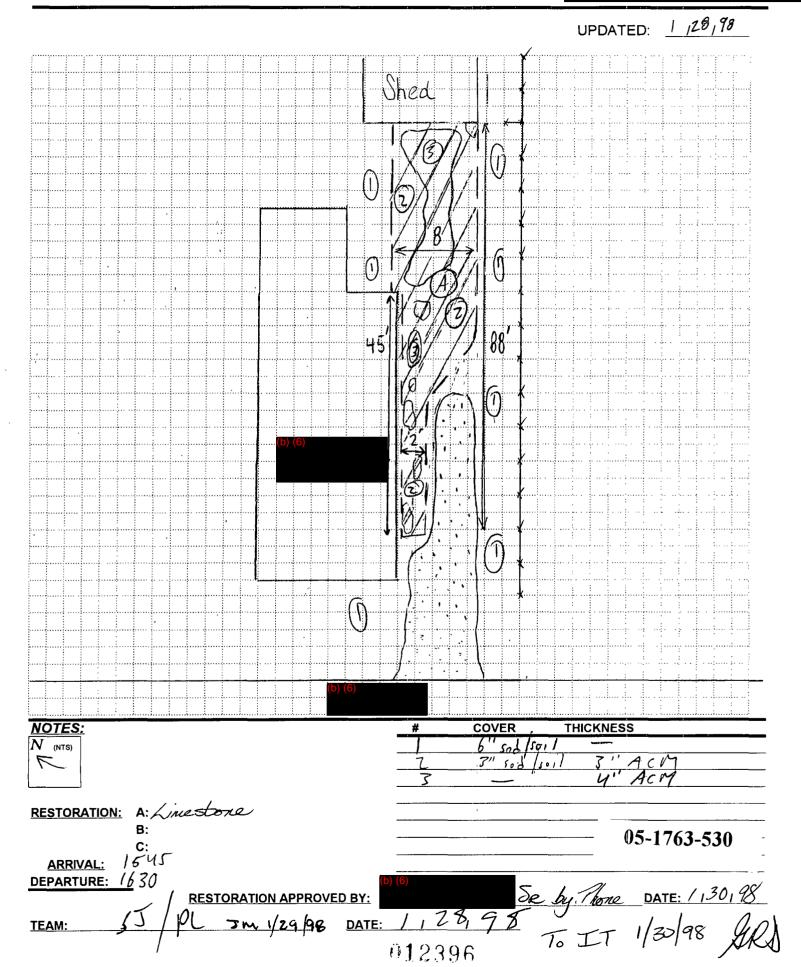
I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

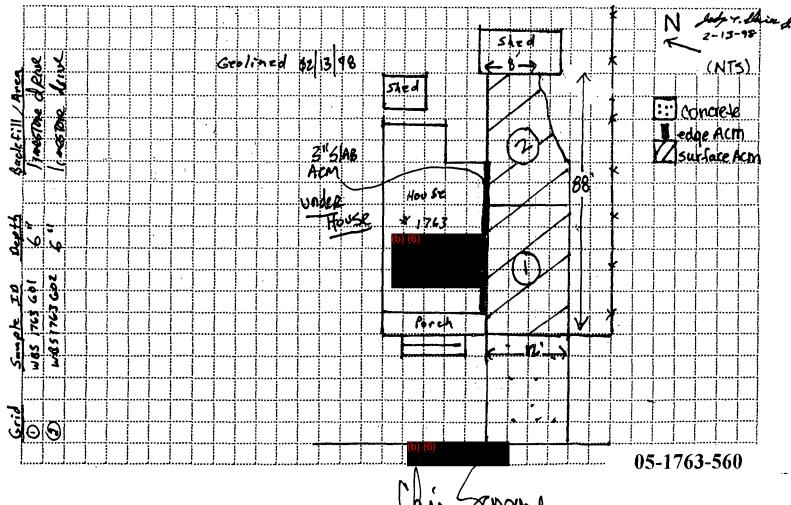
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/8/98 DATE SIGNATURE /



#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE#	ADDRESS: (b) (6)
	brewa, La
THE SAMPLE ANALYSIS RESULTS FOR THE AR WERE EVALUATED BY THE USEPA START TEA	BOVE REFERENCED SITE WERE RECEIVED AND AM ON
ACTION:	ICAL DATA, WE RECOMMEND THE FOLLOWING
GRID #: 1 $\frac{2}{}$ A. PROCEED WITH RESTORATION: $$	3 4 3 6 7 8
B. FURTHER ACTION NECESSARY:	
	N 2015 4. 182 2-13-98
3 3 Geolined 62 3 98	STEAL (NTS)



AUTHORIZED EPA/START REPRESENTATIVE

Chin James 612397

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indlanapolis, Indlana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Tuesday, February 17, 1998

Ref Number: IN98437

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>		NONASBESTO:	ì
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TY	PE %	FIBROUS %	NONFIBROUS
WBS1749G01	) (6)	Brown	Crushed	< 1% Chrysotile			% Quartz
		Non-Fibrous		< 1% Crocidolite	•		% Other
		Homogeneous	;				
WBS1749G02		Brown	Crushed	< 1% Chrysotile		80	% Quartz
		Non-Fibrous	1	< 1% Crocidolite			% Other
		Homogeneous					
WB\$1763G01		Brown	Crushed	< 1% Chrysotlie			% Quartz
•		'Non-Fibrous	101031100	< 1% Crockdolite			% Other
		. Homogeneous	;		-		
				i			
WBS1763G02		Brown	:Crushed	< 1% Chrysotile		80	% Quartz
		Non-Fibrous	1	1		20	% Other
		Homogeneous		.i ,	: . I		
WB\$1710G01		'Brown	Crushed	 1% Chrysotile	•	. 78	% Quartz
		Non-Fibrous		1% Crocidolite			% Other
		Homogeneous					
				and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	,		
WB51152G01		Brown	Crushed	None Dete	octed		% Quartz
		Non-Fibrous	•		ļ	20	% Other
Ī		Homogeneous			1		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Anglyst

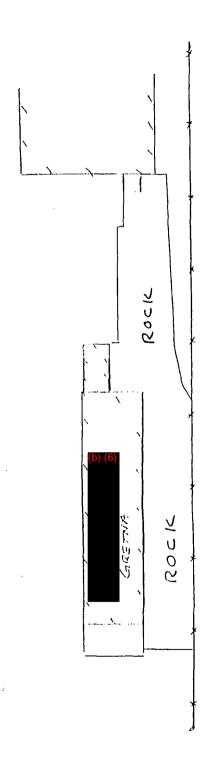
Approved Signatory

05-1763-570

- Walter And Andrews

Disclaimers: PLM has been known to miss eabestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "INVLAP" reports with NVLAP logo must content at least one significant or any agency of the United States Government. All "INVLAP" reports with NVLAP logo must content at least one significant product and states of the securacy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200189-0).





05-1763-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM
------------------

SITE # 1763

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					126.50		·
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					36.00		
Sand (cu.yds.)							
Concrete (cu.yds.)					•		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	Page			
COMMENTS:			·				·
•			<del>-,</del>				
			•		05-17	63-590	
IT REPRESENTATIVE SIGNATU	RE	<del></del>	6124	<u> </u>			·····
SUB 1 SIGNATURE			V I 44 3				

DATE: 8/28/98 SITE#: 1763		ADDRESS:	i e / r u	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:	2,	=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		<b>:</b>		
SKETCH OR COMMENTS:				
Me Acun				
TEAM MEM	IBERS: MTL/	PLL	05-1763-	<b>540</b>

012401

Tracking Number	1764
_	

#### FIELD DATA SHEET 1

Site Information:

Occupant: Interviewee:
Address: Gratna LA
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant:
Sane
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; otherNote location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  N  House  X  X  X  X  X  X  X  X  X  X  X  X  X
Estimated Volume of ACM:
Comments:
Date/Time of Interview: 12/3/47 1045 Access Granted (circle): VS) no
Team Members: (6) (1/4) 05_1764_510

Tracking #:		/	7	6	<u>t                                    </u>	
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# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Property Address:	(b) (6)			
State/Zip:	Phone Number(s)_	(b) (6)	<u>-</u>	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

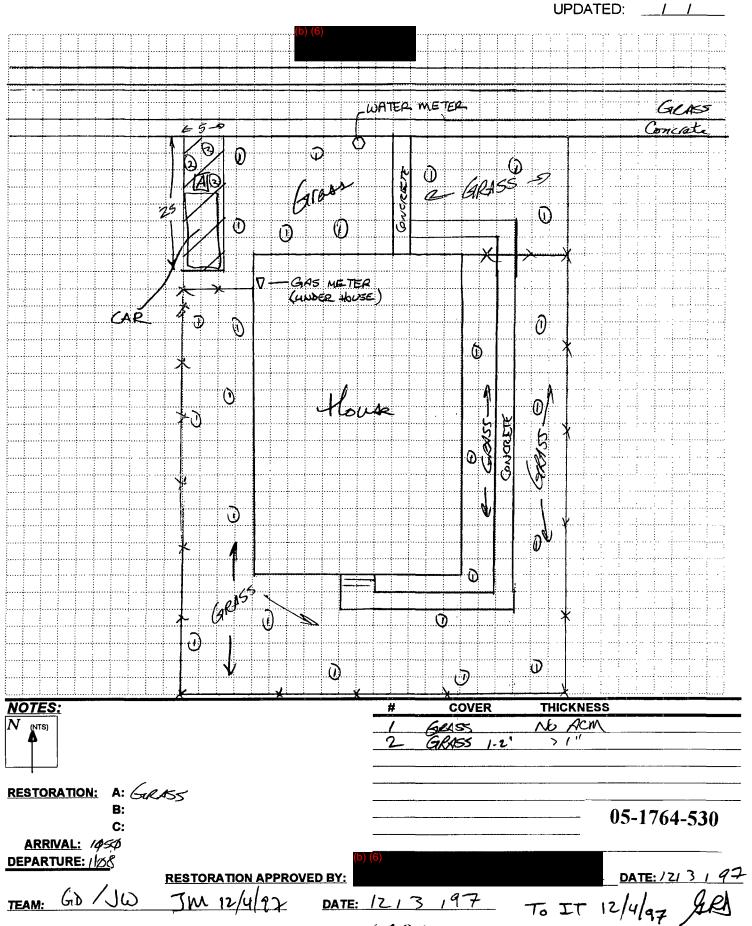
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

72/3/47
DATE SIGNATURE





012404

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				
SITE#	1764	ADDRESS:	(b) (6)	
_			Gretna, LA	

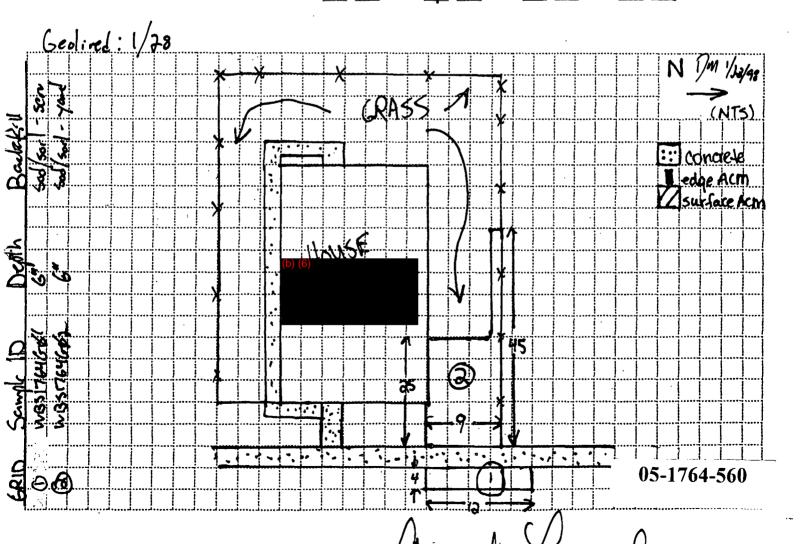
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Among Age 1/28/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION: 

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Monday, February 02, 1998

Ref Number: IN98286

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

\$ <b>AMPLE</b>	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBE</u> %	STOS TYPE	%	<u>NONASBE</u> FIBROUS	<u>stos</u> %	NONFIBROUS
WBS1764-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	Non	a Detected		•		Quartz Other
WBS1784-G02		Brown Non-Fibrous Homogeneous	Crushed	Non	e Detected		·		o Quartz o Other
WBS1754-G01		Brown Non-Fibrous Homogeneous	Crushed	Nor	e Detected				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is enalyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Analyst

05-1764-070

Approved Signatory

be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items it may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to datin product e NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signs Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-1764-570

£2/02/1998 11:56

31 rur 050 um

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

(317) 570-5894

Attn.: Donald DeLott Ecology & Environment 11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816 Monday, February 02, 1998

Ref Number: IN98284

# PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: 768209 WESTBANK ASBESTOS REMOVAL PROJECT

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. flb/cc	flbers/ mm²	fibers/cc
1207	Site 1647	1/28/98	1135.08	0.0	100	0.0024	0	
1208	Site 1585	1/28/98	1185.30	1.0	100	0.0023	1.27	
1209	Sile 1764	1/28/98	1273.86	0.0	100	0.0021	0	<lod< td=""></lod<>
1210	Blank	1/28/98	0.00	0.0	100		0	

**BLANK ID: 1210** 

Jane Wasilewski

**Analyst** 

Entered 2/3/98

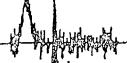
05-1764-071

Approved Signatory

05-1764-572

LOD = Limit of Detection. The method assumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent, LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² a which is dependent on volume collected by non-isboratory personnel.

Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

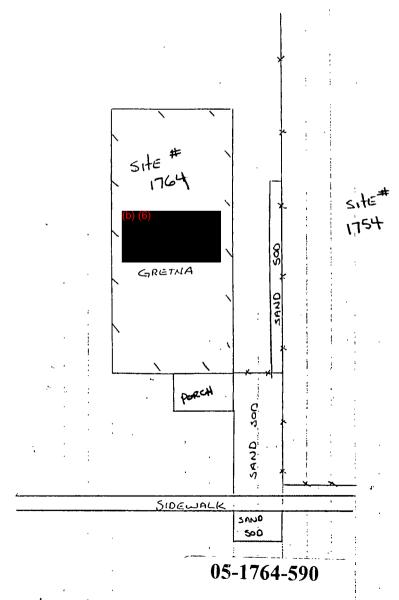




(	)	

 By
 PM
 Date
 2-2-98
 Subject
 Restoration
 Site
 # 1764
 Sheet No.
 of

 Chkd. By
 Date
 Proj. No.
 Proj. No.
 Proj. No.
 Proj. No.



# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

D	FC	TO	DΛ	TI	OA	IE	0	D	n/	1
Π.	E3	$I \cup I$	ľΧH		$O^{n}$	, ,	U	ĸ.	IV.	ı

SITE# ___1764

	DATE	DATE	DATE	DATE			
· .					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)	,				38.⁰²		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					38.≌		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)		·			12.00		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							-
Topsoil (cu.yds.)					· 		
EXTRA							
	Site Sket	ch on B	ack of P	age			
COMMENTS:							
<u> </u>						<b></b>	
			<del></del>		05-	1764-590	
IT REPRESENTATIVE SIGNATUR	RE _		····			-	
SUB 1 SIGNATURE	_	<del></del>	E O				
CUD A CICNATURE		14	FU B				

DATE: 9/1/98 SITE #: 1764		ADDRESS:	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	<i></i>	<u> </u>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		<u></u>	
SKETCH OR COMMENTS:			
Naman			
TEAM	MEMBERS: SA	ML	05-1764-540

012410

#### FIELD DATA SHEET 1

Site Information:	
Occupant: (5) (6)	Interviewee:
Address: (b) (6)	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	
·	;
Site Description:	y.
Description of property (circle): stngle home; sluplex; busi vacant house; vacant lot; other	ness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dogs; resolution:	other
3) Underground utilities installed by owner? (circle): no; water; septic tank; other	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	ow
Site Sketch:  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CONCRETE  CO	& No VIS ACM
Estimated Volume of ACM:	
Comments: No VIS ACM	
Date/Time of Interview: 12/5/97 1406	Access Granted (circle): yes; no
Team Members: 9 w	07-1765-510

Tracking #:

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (c		
Property Owner's Name		
Property Address:		
State/Zip:	Phone Number(s)	
<del>-</del>		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-4-97 DATE SIGNATURE

07-1765-520

DATE: 9-24-98 SITE #: 1765		ADDRESS:	Mariero	
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:	O	=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)	0%	=		
SKETCH OR COMMENTS:				
No UC	Itou Ga	AND		Home
			05.15	

612 113

TEAM MEMBERS: JY 4A.T

Tracking Number 1796

#### FIELD DATA SHEET 1

Site Information: , , , , , , , , , , , , , , , , , , ,
Occupant: Interviewee:
Address:
Phone No.:
Owner Name Address and Phone No. if Different Than Occupant:
(0) (6)
ite Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:    CARAGE   No Vis ACM
Estimated Volume of ACM:
Comments: No Vis ACM
Date/Time of Interview: 12/5/97 1420 Access Granted (circle): yes, yo
Team Members: $0\omega$ 07-1766-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name				
Property Address:		MARRENO	_	_
State/Zip:	Phone Number(s)_	(b) (6)	Ī.	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
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  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
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12-4-97 DATE SIGNATURE

07-1766-520

DATE:	8-25-98		ADDRESS:	b) (6)
SITE #:	17164		<del></del> -	
ACM LOCA	TED BENEATH:	HC	DUSE HED	
APPR. CRA	WL SPACE HEIGHT:	12"	ан-	
DESCRIPTI	ON OF ACM:	PC	HUNKS DWDER .AB	
PERCENT (	OF AREA (ACM)			
SKETCH O	R COMMENTS:		,	
			No Rea no vis	noval
	60.02			
	Jan Jugary			
	TEAM	1 MEMBERS:	ASBI PLL	07-1766-540

612416

#### FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: (6) (6)	
Phone No.: (b) (6)	
Owner Name Address and Phone No. if Different Than Occur (b) (6)	inent:
Site Description:	
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	dogs; other
3) Underground utilities installed by pwner? (circle): no; septic tank; other	water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; (no;) d If yes, note on site sketch. How deep?	lon't know
Site Sketch:  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Con wite  Co	Chunk of Swafale ACM.
Estimated Volume of ACM:	
Comments: picked around in field and did may want to check some more spot	doit find any acm below surface -
Date/Time of Interview: 12   11   97	Access Granted (circle): yes; no
Team Members: C)5 PM.	07-1767-510

Tracking a	#:_1767
Tracking a	#: <u>1747</u>

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(D) (O)		
Property Owner's Name (6)		
Property Address:	(b) (c)	 ,
State/Zip:	Phone Number(s)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

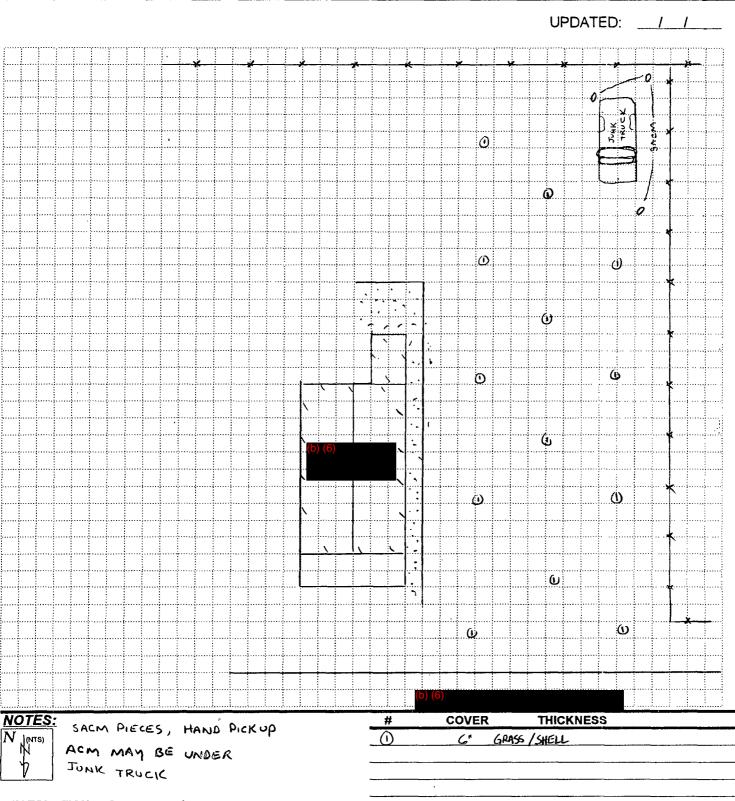
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-4-91 DATE (b) (6)
SIGNATURE

07-1767-520



RESTORATION: A: GRASS (IF NECESSARY) 07-1767-530 C: **ARRIVAL:** USACG DLW 12/17/97 **DEPARTURE:** via phone DATE: 15198 RESTORATION APPROVED BY

MD, PM TEAM:

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	
SITE# 1767	ADDRESS: (6) (6)
	Manero, LA
THE SAMPLE ANALYSIS RESULT	IS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND

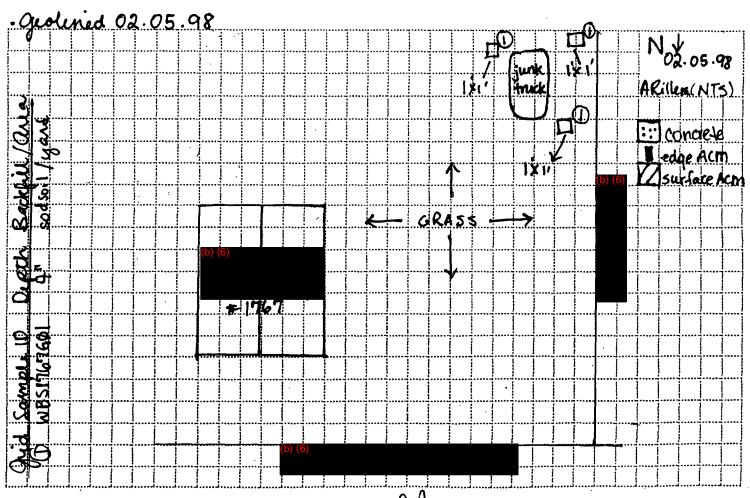
WERE EVALUATED BY THE USEPA START TEAM ON _____

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING

ACTION:

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ 

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 012

Some

07-1767-560

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMS1

.... Attn.: Alma Rillera

**Ecology & Environment** 

11550 New Castle Avenue

3175705894

Suite 250

Baton Rouge, LA 70816

Monday, February 09, 1998

Ref Number: IN98355

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 WESTBANK ASBESTOS

			SAMPLE	ASB	ESTOS		NONASBI	ESTOS	
SAMPLE LOCATION	LOCATION	<b>APPEARANCE</b>	TREATMENT	<b>%</b> .	TYPE	%	FIBROUS	%	NONFIBROU
WB\$501-G01	o) (6)	Brown	Crushed	< 1% Cro	ocidolite	1		80%	Quartz
j		Non-Fibrous	!	:				20%	Other
		Homogeneous							
· · 1						1			
WBS501-G02		Brown	Crushed	< 1% Ch	rysotile	• •		80%	Quartz
		Non-Fibrous		< 1% Cr	ocidolite	•		20%	Other
1		Homogeneous		!					
L				i					
WB\$1767-G01		Brown	Crushed	1% Ch	rysotile	1		78%	Quartz
		Non-Fibrous	1	1% Cr	ocidolite	İ		20%	Other
		Homogeneous	•	!					
				i		<u>. i</u>			
WB\$1720-G01		Brown	Crushed	∴ < 1% Ch	rysotile	.		80%	Quantz
1		Non-Fibrous		< 1% Cr	ocidolite			20%	Other
		Homogeneous		1					
WB\$1674-G01		Brown	Crushed	1% Ch	rysotile	·i		78%	Quartz
		Non-Fibrous		: 1% Cr	ocidolite			20%	Other
		Homogeneous				:			
				ì		i			
WBS1752-G01		Brown	Crushed	< 1% Ch	nrysotlle	•			Quartz
		Non-Fibrous		< 1% Cr	ocidolite		4	20%	Other '
-		Homogeneous				Ì			
:						1.			

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

07-1767-570

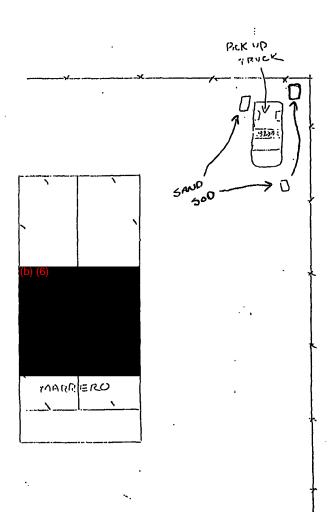


Disclaimers: PLM has been known to miss aebestos in a small percentage of samples which contain asbestos. Thus negative be guaranteed. Floor lites and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL. The above test must not be used by the citent to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one significantly is not responsible for the encurring of insults when requested to physically separate and enaltyze tayered samples applied to the transfer of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the produ



 By
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 Date
 2-6-98
 Subject
 Restoration
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 # 1767
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 Chkd. By
 Date
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07-1767-590

# WESTBANKIASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

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SITE # (767

	DATE	DATE	DATE	DATE			
		DATE			EST. QTY.	ACTUAL QTY	ACT.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					. <u>s</u>		
i" Concrete Installation (sq. yds.)							
; I" Concrete Installation (sq. yds.)		,				,	
Sand Installation (sq.yds.)		1			1.50		
_ower Lift Sand							
: Rock, Brown (cu.yds.)						-	
Rock, Gray (cu.yds.)							
Sand (cu.yds.) Concrete (cu.yds.)					<u>0.58</u>		
Plastic Edging (ft.)						-	
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							<u> </u>
*** ** :	Site Ske	tch on E	Back of F	Page			
COMMENTS:						<del> </del>	···
			•				

		,		····
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TREPRESENTATIVE SIG	SNATURE ;	. 1	07-1767-590	
SUB 1 SIGNATURE	, ,		·	٠.
SUB 2 SIGNATURE		6124231		

DATE: <u>9-24-98</u> SITE#: <u>17<b>6</b>7</u>	ADDRESS: (b) (6)
ACM LOCATED BENEATH:	Duplex HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	121.
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	0%
SKETCH OR COMMENTS:	
20 DCar	Duplex Abous Ground

TEAM MEMBERS: 39.4AT

07-1767-540

No visible ACM.

Tracking Number 1768

Reassigned Tracking #

#### FIELD DATA SHEET 1

Site Information:	(5) (6)
Occupant:	Interviewee:
Address:	Harvey
Phone No.:	
Owner Name, Address, and Phone No. if Different T	Than Occupant:
Site Description:	
Description of property (circle): single home:     vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other	
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
	house Amed (b) (6)
Estimated Volume of ACM:	
Comments:	,
Date/Time of Interview: 5-22-98 1114	Access Granted (circle): yes; no N/A
Team Members: MU   JW	06-1768-510

DATE:	8-13-98		ADDRESS:		
SITE #:	1768			Harvey	
					,
ACM LOCA	TED BENEATH:	HOUSE			
APPR. CRA	WL SPACE HEIGHT:	a various and a second second	<del></del>		
DESCRIPTI	ON OF ACM:	CHUNKS POWDER SLAB			
PERCENT (	OF AREA (ACM)		=		
SKETCH OF	R COMMENTS:				
	kun				
	No				
				06-1768	3-540

012426

TEAM MEMBERS: (ソノ)

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: Marrers
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
House ACM
concrete
(b) (6)
Estimated Volume of ACM:
b) (6)
Date/Time of Interview: 2-26-98 / 1415 Access Granted (circle): yes, no (N/A)
Team Members:

DATE: <u>9-24-98</u> SITE #: <u>1769</u>	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	070
SKETCH OR COMMENTS:	
ACM	HOUSE ON SUAB
J 0	
TEAM MEMBERS	7-7-4 Pit- 07-1769-540
	12428

Tracking Number ______

Site information:	1
Occupant: (b) (6)	Interviewee:
Address:	
Phone No.:	
Owner Name Address and Phone No. if Different Than Occupant:	
	•
Site Description.	
Site Description:	
Description of property (circle): single home; duplex; bu vacant house; vacant lot; other	siness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dogs resolution:	; other
3) Underground utilities installed by owner? (circle): no; water septic tank; other  Note location on site sketch.	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't k If yes, note on site sketch. How deep?	now
Site Sketch:	
Estimated Volume of ACM:	
Comments:	13
Date/Time of Interview:	Access Granted (circle): yes; no (N/A-)
Team Members:	06-1770-510

DATE: <u>9/4/98</u> SITE #: <u>/770</u>		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
NOA		
TEAM MEI	MBERS: DA/	06-1770-540

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Tracking Number	177/
214014118	

Site Information:	
Occupant: Interviewee:	
Address:	
Phone No.:	
b) (6)	
Site Description:	
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?	
Site Sketch:  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (RAS)  (R	
Estimated Volume of ACM:	
Comments: NOV(S for (b) (6)	
Date/Time of Interview:  Access Granted (circle): yes; no N/A	)
Team Members: 06-1771-510	

DATE: 9/4/98 SITE #: 177/		(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	12"	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		#
SKETCH OR COMMENTS:		
AND THE RESERVE TO THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF		skitting
TEAM MEI	MBERS: DA/	MC 06-1771-540

012432

Tracking Number ______

Site Information:	
Occupant	Interviewee:
Address: (b) (6)	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than	Occupant:
Same.	•
Site Description:	
Description of property (circle): single home; du vacant house; vacant lot; other	plex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; gards resolution:	ate; dogs: other
Underground utilities installed by owner? (circle): n septic tank; other  Note location on site sketch.	o; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; not lif yes, note on site sketch. How deep?	o; don't know
Site Sketch:  (b) (6)	
Estimated Volume of ACM:	
Comments: NO U//	5
Date/Time of Interview:	Access Granted (circle): yes; no
Team Members:	06-1772-510

DATE: <u>9/3/98</u> SITE#: <u>17-72</u>		ADDRESS:		-
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:	NH	_		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		<del>=</del> :		
SKETCH OR COMMENTS:				ก
Man Market State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State o		concrete	shot .	
TEAM ME	MBERS: <u>AA</u>	TW_	06-1772-540	

612434

Site Information:
Occupant: Interviewee:
Address: WESTWEGO
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  (NO VIS)  Concrete  Soil+oil
Estimated Volume of ACM:
Comments: Faso IT WO VIS
Date/Time of Interview: 12/17/97 Access Granted (circle): yes; no
Team Members: 1)W /DA 09-1773-510

DATE: 9/23/98  SITE #: 1773		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:  DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	=	
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
No Acm			
TEAM ME	MBERS: TS &		09-1773-540

012436

Tracking Number	1	141	
0			

Site Information:	
Occupant:	Interviewee:
Address:	WESTHERO
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	,
Site Description:	
Description of property (circle): single home; duplex; but vacant house; vacant lot; other	siness; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; dogs resolution:	other
3) Underground utilities installed by owner? (circle): no; water septic tank; other  Note location on site sketch.	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't k  If yes, note on site sketch. How deep?	now
Site Sketch:	
Estimated Volume of ACM:	
Comments: From IT in his 127 different plant 48 + 48 & are owned by different plant	rple
Date/Time of Interview: 12/17/97 0940	Access Granted (circle): yes; no
Team Members: DA Inm	09-1774-510

Tracking #: 1774

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property Address:		
State/Zip:	Phone Number(s) (6) (6)	
<b>A</b>		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

12-17-97.
DATE

SIGNATURE

TRACKING# 1774

SITE SKETCH ADDRESS:

, Westwego

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Winder Winder		
SIDEWALK		*
Gravel/Soil SERVITUDE		
b) (6)		
OTES: Jarge SACM pad - dar parked # COVER	THICKNESS	
OTES: large SACM pad - Car parked # COVER  ONTS)  on top (car may be dead)  also a large boat needs moved.	NO ACIM	
on top (car may be dead)	NO ACIVI	
also a large hoot needs were		
with the soul needs moved.		
ESTORATION: A: CONCRET E		

**RESTORATION APPROVED BY:** 

B:

ARRIVAL: 1530 DEPARTURE: 1542

DATE: 1 16 198

09-1774-530

VIA PHONE DATE: 1/15/98

012439

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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Sidewalk

Servitude

09-1774-560

Gravel / Spil

AUTHORIZED EPA/START REPRESENTATIVE Jody 7- Shires 12440

# MSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EM

Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

**Project: 020601 WESTBANK ASBESTOS** 

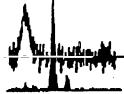
			044015	ASBE	STOS		NONASBI	STOS	
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROU\$		NONFIBROUS
WBS1700G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chi   <1% Cro	-	; 			Quartz Other
WB\$1729G01		Brown Non-Fibrous Homogen <del>o</del> ous	Crushed	< 1% Ch < 1% Cr	•	:			Quartz Other
WBS1729G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile	;			Quartz Other
WBS1775G01		Brown :Non-Fibrous :Homogeneous	Crushed	No	ne Detected	!			Quartz Other
WBS1774G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch					Quartz Other
WBS1774G02	:	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	•				6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst enteres 2/20/98 gas Approved Signatory

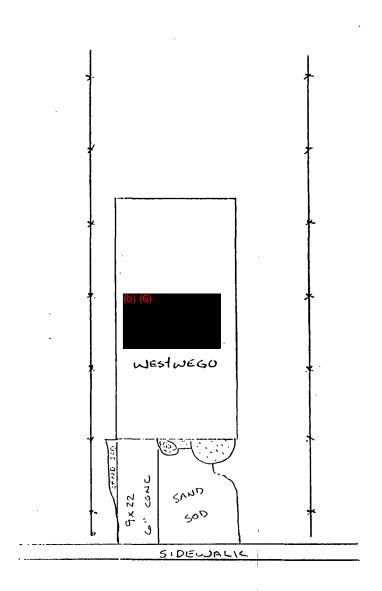


Disclaimers: PLM has been known to mise asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Ploor tiles and wipes should be tasted with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSI. The above test must not be used by the client to claim product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sit Leborstory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples the day is portuned by EMOL of indicagelic (AMI AD Air and Bulk appoints).

09-1774-570



Ву <i>РМ</i>	Date_2-16-98	_Subject	RESTORATION	sife #	1774	Sheet No	of
Chkd By	Date					Proj No	



# WESTBANK ASBESTOS ABATEMENT

#### RESTORATION FORM

SITE # 1774

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					40.52		
6" Concrete Installation (sq. yds.)					77.00		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					40.50		
Lower Lift Sand			,				
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					12.02		
Concrete (cu.yds.)					2.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)						ļ	<u> </u>
EXTRA					,	1 1 1	1.
·	Site Ske	tch on B	lack of F	Page	1		
COMMENTS:					· · · · · · · · · · · · · · · · · · ·	·	
	<del></del>						
					09-1	1774-590	· · · · · · · · · · · · · · · · · · ·
IT REPRESENTATIVE SIGNATU	RE					. : ( )	
SUB 1 SIGNATURE							

F12143

SUB 2 SIGNATURE

DATE: 9[23/98] SITE #: 1774	ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:	
NO Acm	Acm in driveway of

TEAM MEMBERS:

15 g EW

09-1774-540

Tracking Number 1745

Site Information:	
Occupant: (b) (6)	Interviewee:
Address:	WESTWEGO
Phone No.:	
Owner Name, Address, and Phone No. if Different Th	nan Occupant:
SAME	•
Site Description:	
Description of property (circle): single home:     vacant house; vacant lot; other	duplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; (resolution:	gate: dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other	- I
4) Is any underground ACM present? (circle): yes, If yes, note on site sketch. How deep?	no; don't know
Site Sketch:	Town X
Estimated Volume of ACM:	
Comments: FRON IT 12/16/47  SACM SON LOW CARPO	ort(6) is over the SACM
Date/Time of Interview: 12/17/47 0	Access Granted (circle): yes; no
Team Members: DAM	09-1775-5
14/17/97-left access ag	reement wish owner

Tracking #: 1775

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b)	(6)		
Property Owner's Name:			 
Property Address:		(b) (6)	
State/Zip: Westwago	Phone Number(s)	(b) (b)	
	` ,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

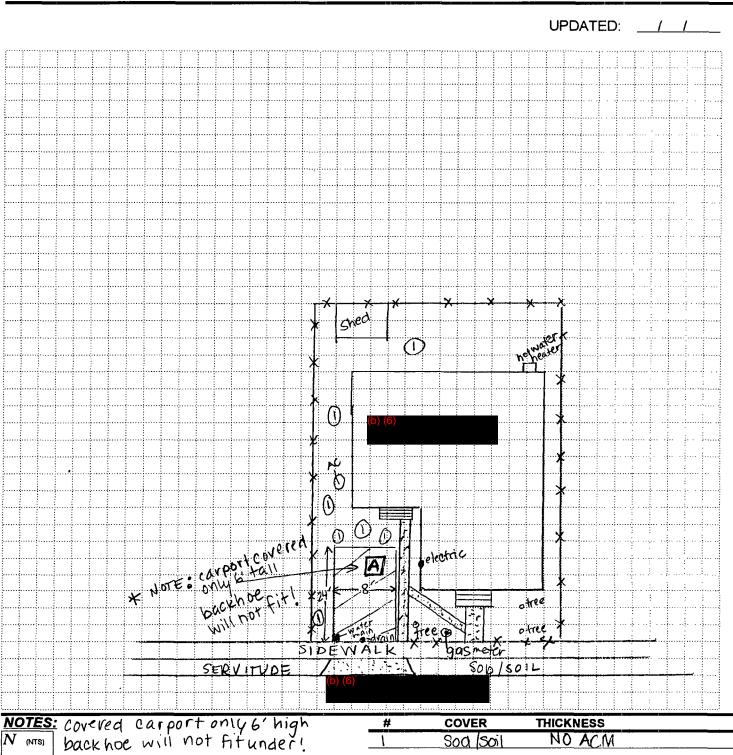
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

09-1775-520

12/17/97 DATE (b) (6)
SIGNATURE

, Westwego



8'xa+' SACM pad is directly under carport. RESTORATION: A: CONCRETE 09-1775-530 ARRIVAL: 1543 DATE: 1 16 198 TO IT 1-15-98
012447 DEPARTURE: 1600 **RESTORATION APPROVED BY:** 

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			
SITE# _	1775	ADDRESS: (b) (6)	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Received 2-19-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#:

1 2

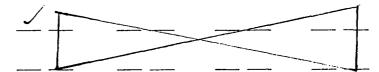
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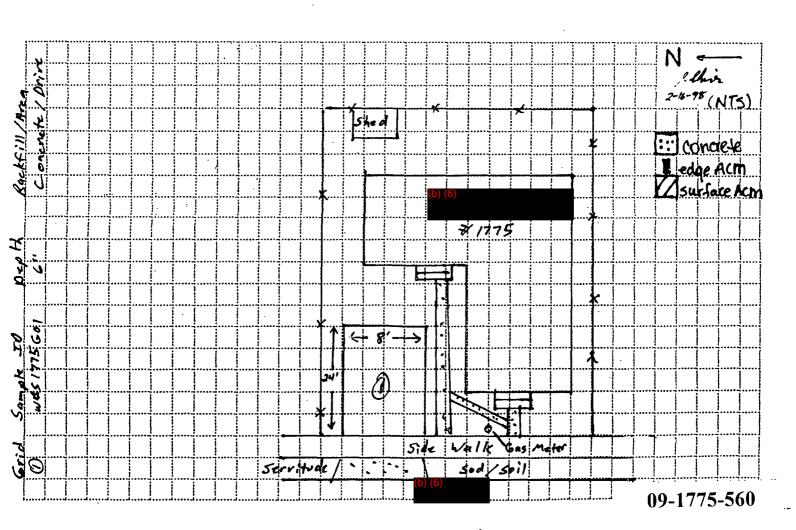
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A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:





AUTHORIZED EPA/START REPRESENTATIVE John 7. Shines J. 12148

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Thursday, February 19, 1998

Ref Number: IN98472

Altn.: Jody Shires **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020801 WESTBANK ASBESTOS

			SAMPLE	ASBE	STOS		NONASBES	TOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	%	NONFIBROUS
WBS1700G02	o) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chi < 1% Cro	•	:			Quartz Olher
WBS1729G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch < 1% Cn	-	:			Quartz Other
:WBS1729G02		Brown Non-Flbrous Homogeneous	Crushed	. < 1% Ch	rysotile .	;			Quartz Other
WBS1775G01		Brown : Non-Fibrous : Homogeneous	Crushed	No.	ne Detected	!			Quartz 6 Other
WBS1774G01		Brown Non-Fibrous - Homogeneous 	Crushed	< 1% Cr	rrysotile ocidolite				6 Quartz 6 Other
WBS1774G02	!!!	Brown Non-Fibrous Homogeneous	Crushed	< 1% CI	nrysotlie rocidolite				6 Quartz 6 Other

Comments: For all obviously haterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski **Analyst** 

Approved

Disclaimers: PLM has been known to miss aspestos in a small percentage of samples which contain aspestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either BEM or TEM. The above test report relates only to the items tested. This report mey only be reproduced in full with written approval by EMSL. The above text must not be used by the client to disim product endowsement by NVLAP nor any egency of the United States Government, All "NVLAP" reports with NVLAP logo must contain at least one signal Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

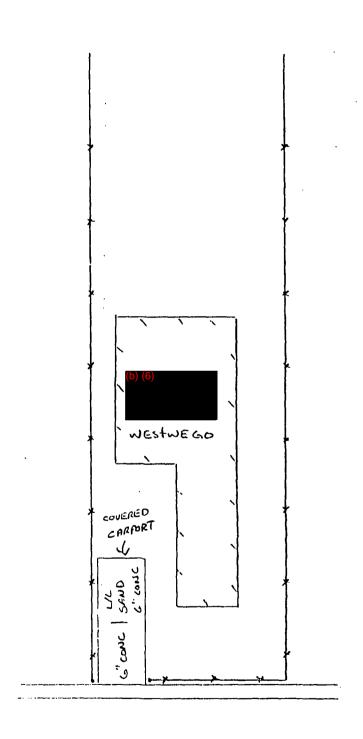
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Ву_ <i>РМ</i>	Date 2-/6-98	_Subject	RESTORATION	SIFE #	1775	Sheet No	of
Chkd By	Data					Proi No	



09-1775-590

# WESTBANK ASBESTOS ABATEMENT. NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

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SITE# 1775

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)			~		25.*2		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)							
Lower Lift Sand					12.50		
Rock, Brown (cu.yds.)							ļ
Rock, Gray (cu.yds.)							-
Sand (cu.yds.)					5 <u>0</u>		
Concrete (cu.yds.)					ं ं	<del></del>	
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				ļ	1, !	1	
EXTRA							
	Site Ske	tch on B	ack of F	Page	·		
COMMENTS:					<del></del>	<del></del>	
				·			
		,		<del></del>	09-	1775-590	
IT REPRESENTATIVE SIGNATURE	RE				~		
SUB 1 SIGNATURE						** t **	

DATE: <u>9(23/98</u> SITE #: 1775		ADDRESS: Westareso
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:	- All Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the	<del></del>
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:		<del></del>
No exam		

TEAM MEMBERS:

758 Ew)

09-1775-540

Site Information:
Occupan (b) (6)  Interviewee:
Address (b) (6)
Phone N
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other No 105 resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other <u>sewer line in Drive way</u> Note location on site sketch.
4) Is any underground ACM present? (circle): yes; (no;) don't know  If yes, note on site sketch. How deep?
Site Sketch:    Play   Set   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   Spi   S
Estimated Volume of ACM:
Comments: NO ACM
Date/Time of Interview: 01-06-98 0735 Access Granted (circle): (ves.) no PM
Team Members: MD, PM 06-1776-510

	T	racking	#:	1776	
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# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:  Property Address:	1) A B V 5 ( A	
State/Zip:	Phone Number(s)	
1		PAGER

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/6/98 DATE (b) (6)

STONATURE

06-

DATE: 8/12/98 SITE #: 1776	ADDRESS: Harvey, 1A
ACM LOCATED BENEATH: HOUS	E
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:  CHUN POWE	
PERCENT OF AREA (ACM)	<del></del>
SKETCH OR COMMENTS:	
Mo acm	
TEAM MEMBERS:	/15

012455

06-1776-540

Tracking Number 1474

#### FIELD DATA SHEET 1

Site Information:

Occupant:	Interviewee: Danny + Walter Choquette
Address: 5113 Angust Ave MA	(AND YACAUT LOT WENT DOOR)
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	Walter Choquette Sr
347-8060 PAGER S	595.0527
Site Description:	
1) Description of property (circle): single home; duplex; busing vacant house; vacant lot; other lawn care Shop 4 Va	incss) school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; dogs; resolution:	other
3) Underground utilities installed by owner? (circle): no; water; septic tank; other	gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't kn If yes, note on site sketch. How deep?	now
Site Sketch:	
Sod soil Driveway	shop August 5113 August
August Av.	
Estimated Volume of ACM:	
Comments: old lawn care Shop, ACM Scattered Some SACM	d about to left of shop/drive
Date/Time of Interview: 1/13/98 9:00am	Access Granted (circle): (yes,) no
Team Members: QD AL	07-1777-510

Tracking Number 444

#### FIELD DATA SHEET 1

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Site Information:
Occupant: Interviewee: Danny + Walter Choquet
Address: 5113 Angust Ave MA (AND VACANT LOT NEXT DOOR
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: Walter Chaquette Sr.  DANNY CHORNETTE  347-8060  PAGER 595.0527
Site Description:
1) Description of property (circle): single home; duplex; (business:) school; daycare; church; vacant house; (vacant lot;) other <u>lawn care Shop is vacant lot next to it</u>
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
Shop August 5113 August
August Av.
Estimated Volume of ACM:
Comments: old lawn care Shop, ACM scattered about to left of shop/driv
Date/Time of Interview: 1/13/98 9:00 am Access Granted (circle): (yes;) no
Team Members: DD AL

Tracking #: <u>/777</u>

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's 1	Name:	5113 Aug	just -	Ave. 1	HG Wal-	ter 1	Choc	quette	Sr.
Property Address:_	5113	August	AVO	Ma				1	
State/Zip: La		Phone N	lumber(s)	347-	8060	Dar	iny	Choqu	ette

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1-13-98 DATE Walter Chuquette

012458

07-1777-520

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TR	CKING	#	1777
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TEAM:

DATE: / / 07-1777-530

TRACKING # 1117	SHESKEICH	ADDRESS:	5113 August Ave., Ma	
			UPDATED://_	
	house (b) (d)			
	back of house	men shed	74	
	same owner		Shop	
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198

# EMSL Analytical, Inc.

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Baton Rouge, LA 70816

3175705894

Friday, January 23, 1998

Ref Number: IN98193

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: PROJ# 020601R1961 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>Asbe</u> %	STOS TYPE	%	<u>NONASB</u> FIBROUS	 NONFIBRQUS
WBB1777-G01	1777: 5113 August St., MA	Brown Nan-Fibraus Homogeneous	Crushed	< 1% Chr	-	j		Quartz Other
WBB1777-G02	1777: 5113 August St., MA	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro	•		·	Quartz Other
WBS1548-G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	3% Chr	ysotile			Quartz Other
WBS1548-G02		Brown Non-Fibrous Homogeneous	Crushed	3% Chr	ysotile	<u> </u>		Quartz Other
WBS1548-G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chr < 1% Cro	•			Quartz Other
WBS1548-G04		Brown Non-Fibrous Homogeneous	·Crushed	< 1% Chr	ysotile		·	Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative F be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items t may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product with MVLAP long or of the United States Government. All "MVLAP" reports with MVLAP long must contain at least one eight Laboratory is not responsible for the accuracy of results when requested to physically seperate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

07-1777-570

DATE: <u>9/8/98</u> SITE# <u>1777</u>	ADDRESS: 5/13 August
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGTH	NA
DESCRIPTION OF ACM	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	olar sanitra kan una anaka am anun misal ti sani
SKETCH OR COMMENTS:	
A	vacant lot

Team Members

DAKT

07-1777-540

#### FIELD DATA SHEET 1

Site Information:

Occupan Interviewee: (6) (6)
Address:
Phone No.: (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant:
Site Description:
Description of property (circle): single home: duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other <u>Mean dogs</u> problems resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no. don't know  If yes, note on site sketch. How deep?
Site Sketch:  dog  dog  Diveway  (b) (6)
Estimated Volume of ACM:
Comments: ACM
Date/Time of Interview: 1/8/98/15:00 Access Granted (circle): (yes;) no
Team Members: DO CJS 07-1778-510

Tracking	#:_ 1	77!	8
U			

CONSENT FOR ACCESS TO PROPERTY
WESTBANK ASBESTOS SITE

(b) (6)	
Property Owner's Name Property Address:    O	
State/Zip: 60 700 72 Phone Number(s)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

/ / § / 98 DATE SIGNATURE

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9-24-98</u> SITE #: <u>1778</u>	ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	0
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	0%
SKETCH OR COMMENTS:	
NO ALM	HOUSE ON SLAB
TEAM MEMBERS:	J.Y. & A.T. 07-1778-540

012465

Tracking Number 1779

#### FIELD DATA SHEET 1

Site Information:

Address: (b) (6)
Address:
Phone No.
Owner Name, Address, and Phone No. if Different Than Occupant:
Same
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other Note location on site sketch.
4) Is any underground ACM present? (circle): yes; not don't know If yes, note on site sketch. How deep?
Site Sketch:
ACM ************************************
Estimated Volume of ACM:
Comments:
Date/Time of Interview: 1-17-98   D:45   Access Granted (circle)://yes; no
Team Members: 06-1779-510

Tracking #: 1779

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(t	o) (6)	
Property Owner's Name:		
Property Address:	(1) (0)	
State/Zip:	Phone Number(s)	
•	`	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - c. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

January 12, 1997 DATE

VV / SIGNATURE

06-1779-520

TRACKING # 1779

SITE SKETCH

ADDRESS:

UPDATED: 0 3 Patch Sidewalk sidewalk servitude servitude

NOTES: will not be able to get a backhoe

Normal to backyard; there is an upside
down hot tub on top of SACM slab.

	COVER	THICKNESS	
	2" soalsoile.	1-2" ACM	
2	4-6" sod/soil	2" ACM	
3	Sodlsoil	NO ACM	

RESTORATION: A: CONCRETE

B: SOD / SOIL

ARRIVAL: 10:16 DEPARTURE: 1045 MTW /20/98
RESTORATION APPROVED BY

DATE: 1/17/98

06-1779-530

DATE: 1 / 14 /98

TO IT 1/20/98

TEAM: DO CTS

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	·	,			
SITE#	1779	<u>.</u>		ADDRESS: (b) (6)	
	• • ••		•		

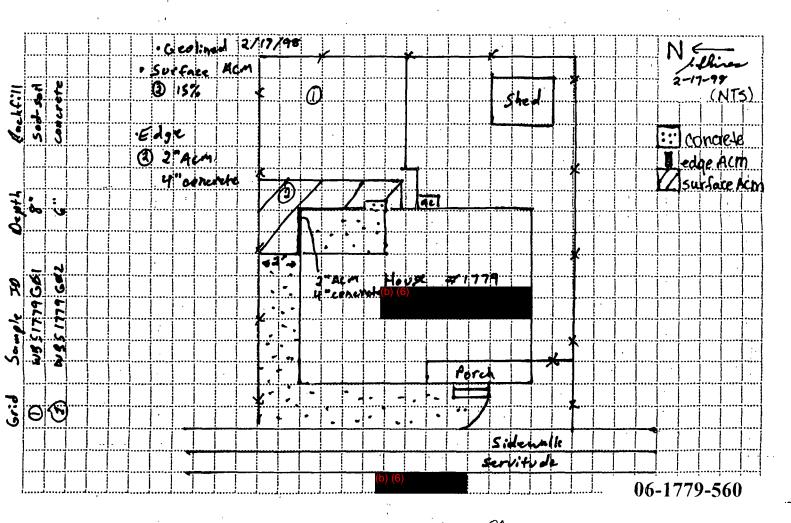
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON <u>Analy fical Receive</u> d 2-19-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE John Lines 9

## MSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

317) 570-5894

Attn.: Jody Shires

Ecology & Environment
11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, February 19, 1998

Ref Number: IN98472

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

**Project: 020601 WESTBANK ASBESTOS** 

			SAMPLE	ASBE	<u>stos</u>		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS		NONFIBROUS
WBS1551G03	b) (6)	Brown	Crushed	. < 1% Ch	rysotile			70%	Quartz
		Non-Fibrous Homogen <del>a</del> ous		< 1% Cro	ocidolite	!'		30%	Other
WBS1779G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				Quartz Other
WB\$1779G02		, Brown	Crushed	< 1% Ch	-				Quartz
		Non-Fibrous Homogeneous	:	< 1% Cro	ocidolite	:		60%	Other
WBS1735G01		Brown Non-Fibrous Hamogeneous	Crushed	< 1% Chi	•	· , · · · · · · · · · · · · · · · · · ·			Quartz Other
WBS1735G02		Brown Non-Fibrous Homogeneous	 Crushed	2% Chi < 1% Cro					Quartz Other
WBS1700G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chi < 1% Cro					Quartz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

dane Wasilewski Analyst Entered 2120/98

Approved Signatory

06-1779-570



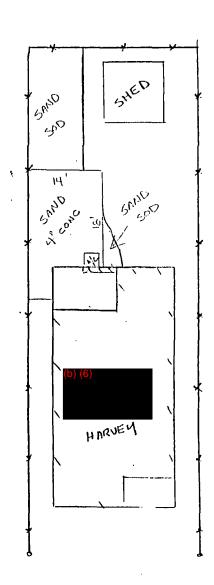
Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain abbestos. Thus negative guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by EMSL, The above test must not be used by the client to claim produce NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one substances in not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

All INVLAP INVLAP INVITED BY EMSE of NUMBER OF THE ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITION AND ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL ADDITIONAL





Ву <i>₽м</i> 1	Date_2-19-98	_Subject.	RESTORATION	site +	1779	Sheet Noof_	
Chkd By	Date					Proj No	



06-1779-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

#### **RESTORATION FORM**

SITE # _______

·	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
					ωιι.	Q11.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					38. ²²		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					30. ⁵⁹		
Sand Installation (sq.yds.)					38.9		
Lower Lift Sand					30 . ⁵ 2		-
Rock, Brown (cu.yds.)					•		
Rock, Gray (cu.yds.)							-
Sand (cu.yds.)					14.9		
Concrete (cu.yds.)					وا (ا		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	Back of F	Page			
COMMENTS:							
					06-	-1779-590	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		A: 1	0 170			,	

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/4/98</u> SITE #: <u>1779</u>		ADDRESS:	(b) (6)	V	
ACM LOCATED BENEATH:	HOUSE SHED				
APPR. CRAWL SPACE HEIGHT:		=			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB				
PERCENT OF AREA (ACM)		=			
SKETCH OR COMMENTS:					
Ran Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Maria Ma					
TEAM MEMBERS:	DA/I	りし		06-177	9-540

#### FIELD DATA SHEET 1

Site Information:

Occupant: Interviewee:
Address: WESTWEGO
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
SAME
Site Description:
1) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Port of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state
Estimated Volume of ACM:
Comments: CHECK DRIVEWAY - 1-8-98 NO SACM
Date/Time of Interview: 150 113 74 Access Granted (circle): yes; no
Team Members: 0>5 00 09-1780-510

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 91996 SITE #: 190	ADDRESS: Well five go
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	shrubs-vegetation
NO ACM	
TEAM MEMBERS	s: KJ KS 09-1780-540

Tracking Number	1	78	1
214411111111111111111111111111111111111	<u>_</u>		

#### FIELD DATA SHEET 1

Site Information:
Occupant Interviewee:
Address:
Phone No
Owner Name, Address, and I none No. if Different Main Occupant:
Same
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other None
3) Underground utilities installed by owner? (circle): no; water; gas; clectric; cable TV; septic tank; other
.4) Is any underground ACM present? (circle): (cs) no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Sorface ACM  ADDITION TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE  TO HOUSE
Estimated Volume of ACM:
Comments: 01-14-98 NO ONE HOME. THIS SITE WAS DISCOVERED PURING THE ACM REMOVAL AT SITE # 198
Date/Time of Interview: Access Granted (circle): yes; no
Team Members:
2/4/98 - REFUSES ACCESS "NOT INTERESTED" 07-1781-510

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-23-98 SITE #: 1781		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:	_/2"	=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	0%	=
SKETCH OR COMMENTS:		
ND Acm		USE ABOVE GROUND

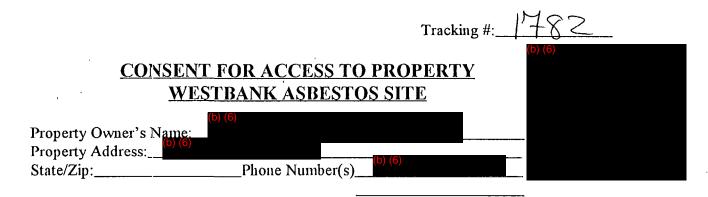
TEAM MEMBERS: J./. + A.T.

07-1781-540

Tracking Number 1482

#### FIELD DATA SHEET 1

Site Information:			
Occupant (b) (6)		Iı	nterviewee:
Address: (b) (6)	Gretna		
Phone No			
Owner Name, Address, and Phone No. i	f Different Than	Occupant:	
			•
Site Description:			
Description of property (circle): si     vacant house; vacant lot; other	ngle home; di	plex; busine	ess; school; daycare; church;
2) Problems accessing yards (circle): resolution:	locked gate; g	ate; dogs;	other
Underground utilities installed by own septic tank; other     Note location on site sketch.	ner? (circle): n	io; water;	gas; electric; cable TV;
4) Is any underground ACM present? (ci If yes, note on site sketch. How deep?		o; don't knov	V
Estimated Volume of ACM:  Comments: SACM in the rue	9 durk (	the from	
·		· ·	
Date/Time of Interview: Submitted by	Quality 1-14	4-98 A	ccess Granted (circle): yes; no
Team Members: 7131AL	,		05-1782-510



I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

17-98

SIGNATURE

DATE

(b) (6)

.

1 1 2 2

Tracking	<i>ll</i> :	1782	
_			

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

		(b) (6)		
Property Owner's	Name:			
Property Address: State/Zip: ( \ \( \frac{\frac{1}{2}}{2} \)	the LA	_Phone Number(s)_	(b) (6)	
, <del></del>		0853		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

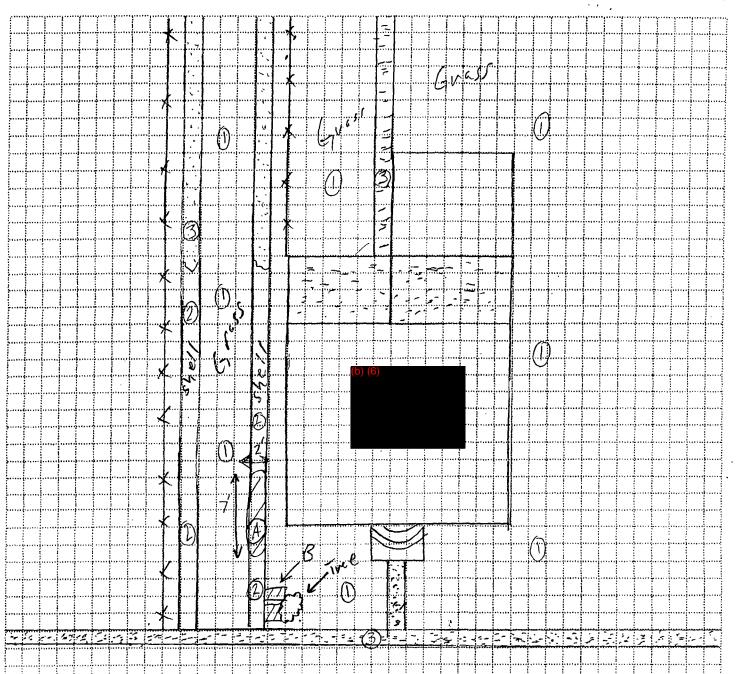
This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

_____3/j2/98 DATE SIGNATURE

TRACKING # 1782 SITE SKETCH

ADDRESS:

UPDATED: 112998



NC	TES:
N	(NT8)
~	~
1	- 1

THICKNESS COVER Sod/Soil NO ACM Shell/mud NO ACM ConceFe

RESTORATION: A: Limestone B: Grass

05-1782-530

ARRIVAL: 1110 DEPARTURE: 1200

1200 JM 1/27/98 181

h7,98 DATE:

TO IT 1/0 8/98 92D

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# <u>1782</u>	ADDRESS:	
·	Gretna, LA	<del></del>
WERE EVALUATED BY THE USE	TS FOR THE ABOVE REFERENCED SITE WERE RECEIVED START TEAM ON no analytical results received 5/13/98 - 0 K.  F. THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING	5/9/98
ACTION:  GRID#;		
A. PROCEED WITH RESTORATION	ČN: V	<u> </u>
B: FURTHER ACTION NECESSAR	RY:	_
GEOLINED: \$   9   18		
Model	$ \begin{array}{c cccc} \uparrow & \uparrow & \uparrow & \vdots & GRASS & \rightarrow & A_1 \\ \uparrow & G & GRASS & \vdots & & 5-9 \end{array} $	Rillera -98 NTS
वर्षे म		
	S V P R	
<u>a</u> 3	(b) (6) HOUSE S S S S S S S S S S S S S S S S S S	
<b>ĕ</b> ⊖ ↑	1   16'9	
85 1782.aa	wee will be replaced with	th
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	(b) (6)	angles aken
AUTHORIZED EPA/START REPRE		1782-560

012482

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Alma Rillera **Ecology & Environment**11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Wednesday, May 13, 1998

Ref Nu

Ref Number: IN981458

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 - WESTBANK ASBESTOS

			SAMPLE	ASBEST	os		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1782G01	b) (6)	rown	Crushed	< 1% Chryso	otile	-		25%	Quartz
ļ. (		on-Fib <b>r</b> ous omog <del>en</del> eous						75%	Other
:WBS1917G01			Crushed	< 1% Chryso	otile			25%	Quartz
į		on-Fibrous		< 1% Crocid	olite			75%	Other
		omogeneous							
WB\$1798G01		rown	Crushed	< 1% Chrysc	otile			25%	Quartz
		on-Fibrous omogeneous		< 1% Crockd	olite			75%	Other
WBS1965G01		rown	Crushed	< 1% Chrysc	otile		·	25%	Quartz
		on-Fibrous	Ì						Other
		omogeneous							
WB\$1831G01		rown	Crushed	None (	Detected		··· -	25%	Quartz
!		on-Fibrous			į				Other
		mogeneous				9			

Comments: For a obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to jumber of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasllevski Analyst Approved Signatory

Ctaimers: PLM has been known to miss espector in a amail percentage of samples which contain asbestos. Thus negetive PLM purposes and wipes ahould be tested with either SEM or TEM. The above test report relates only to the items test or only be reproduced in full with written approval by EMSL. The above test must not be used by the client to ctaim product and AP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature of contains to responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Wyste performed by EMSL of Indianapolis (NVLAP Air and BUIK #200188-6).

05-1782-570

W HANDA



	)
_	

Bv <i>PM</i>	Date <u>5-9-98</u>	Subject_	RESTORATION	SITE #	1782	Sheet No	ot
					i		
Chkd By	Date				,	Proj No	

GRETUA - ROCK SIDEWALK

05-1782-590

# WESTBANK ASBESTOS ABATEMENT

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATION $F$	O.	RM	
-----------------	----	----	--

SITE#	1782_
-------	-------

r'	DATE	DATE	DATE	DATE	: :		
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)				:	31 ∞		
.\ Sod Installation (sq.yds.)	,				4.50		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	;				; 		
Sand Installation (sq.yds.)					4,50		
Lower Lift Sand							
Rock, Brown (cu.yds.)	<b>\$</b> :						
Rock, Gray (cu.yds.)					10.82		
Sand (cu.yds.)					2.00		
Concrete (cu.yds.)	:						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)	: .,						
EXTRA							
	Site Ske	tch on E	Back of F	Page			<u>:</u>
COMMENTS:				, i			•
			<del></del>	<del></del>	^	7 1 5 0 A 5 0 A	<del></del>
IT REPRESENTATIVE SIGNATU	IRE !			•	US	5-1782-590	
SUB 1 SIGNATURE	· i	U1	2185	•			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98 SITE#: 1782		(b) (6) ADDRESS:	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
, ~			
No Acro			
TEAM MEME	BERS: MTZ/PL	-l	05-1782-540

012486

Tracking Number 1783

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: Gretna
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:  (b) (6)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
(b) (6) (c) (c) (c) (d)
Estimated Volume of ACM:
Comments: Pieces of ACM in the driveway behind the slab
House part of a 3 house property (6)(6)
Date/Time of Interview: Submitted by Quality 1-14-98 Access Granted (circle): Yes; no
Team Members: SJ (GD) 1/20/97 1420 05-1783-510

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Ov	vner's L	Vame: (b) (6)			
Property Ov Property Ac	ldress:_	(b) (6)	Giret	na	
			Phone Number(s)	)(b) (6)	
•			` '		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1 - 20 - 98 DATE



SITE SKETCH TRACKING # ADDRESS: . UPDATED: GRAVEL OLVEL D 00 NOTES: THICKNE88 COVER RESTORATION: A: Limestone B: 05-1783-530 ARRVAL: 1030 DEPARTURE: 100 TW 1/27/98

RESTORATION APPROVED BY:

DATE: 1 / 27, 98 0 1/28/98 kes

# WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

÷			ı		+,
FYI:		(a)	(6)	·	
SITE# 1783	Δ	DDRESS:	(0)		
			Guetua	LA	
THE SAMPLE ANALYSIS RE WERE EVALUATED BY THE			CED SITE WER	E RECEIVED A	ND
BASED ON AN EVALUATION ACTION:	N OF THE ANALYTICA	AL DATA, WE	RECOMMEND 5 · 6	THE FOLLOW	ING
A. PROCEED WITH RESTOR					ì
B. FURTHER ACTION NECE	SSARY:				•
Geolined 3-16-98	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		61010	1 3.15 94	
Sample to Death Backson 1851775601 6" lines	Pone Surv			N —	2.16.9
W851787602 6" Vimery	one day				V[5)
URS1787643 6" lines	tone div			:: cona	مده
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	(b) (c)		<u> </u>	Sursa	ce Acm
S GOLD	15-7				
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	(b) (6)				
iiiiiiii	~ X1	Y	Zprie	05-1783-	560
AUTHORIZED EPA/START R	EPRESENTATIVE 24	90	ONN	<u>.</u>	

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue

Suite 250 Baton Rouge, LA 70816 Wednesday, March 18, 1998

Ref Number: IN98747

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

Sample	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASSESTOS % TYPE	*	HONASSESTOS FIBROUS %	NONFIBROU
WB\$1783G	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		709	6 Quartz 6 Other
WB81732G	oi ·	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidelite			6 Quertz 6 Other
WB\$1825G	01	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie			6 Quartz 6 Other
WB\$1783G	02	Brown Non-Fibrous Homogeneous	Crushed	None Detected			6 Quartz 6 Other
WB81783G	03	Brown Non-Fibrous i Homogeneous	Crushed	None Detected			6 Quartz 6 Other
W881718G	Ď1	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotlie			6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

lane Wasllewski **Analyst** 

Approved Signatory

Displaimers: PLM has been known to miss esbestos in a small percentage of samples which contain asbestos. Thus negative be gueranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMBL. The above test man not be used by the client to claim product a NVLAP nor any againty of the United States Covernment, All TYVLAP reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the courtecy of results when requested to physically separate and enaltyze tayered samples. Analysis performed by EMBL of Indianapolis (NVLAP Air and Bulk #200188-0)

05-1783-570





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By <i>PM</i>	_Date <u>_3-17-98</u>	_Subject <i>Restora</i>	tION SITE #	1783	_ Sheet No	of
Chkd. By	_ Date		THACE !		_ Proj. No	
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			SIDE WAL	١		

05-1783-590

# WESTBANK ASBESTOS ABATEMENT

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

R	FS	TO	RΔ	TIO	M	FO	RI	V
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	DATE	رز <del>اد</del> :   DATE	DATE	DATE			
		DAIL			EST.	ACTUAL	ACT.
1					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					121,50		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)				-			
Lower Lift Sand			·				
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	1				30.00	-	
Sand (cu.yds.)							
Concrete (cu.yds.)				• • • • • • • • • • • • • • • • • • • •			
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							·
	Site Ske	etch on E	Back of P	age			
COMMENTS:							
							<del></del>
					05-	1783-590	

12493

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/27/98 SITE #: 1783		ADDRESS:_(b) (6)		
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		<b>≈</b>		
SKETCH OR COMMENTS:				
NoAlm				
TEAM MEI	MBERS: MTL/	2LL	05-1783	B-540

012494

Tracking Number 1784

#### FIELD DATA SHEET 1

Site Information:

Occupant		Interviewee:
Address: (b) (6)	, Gretna	
Phone N		
Owner Name, Address, and Phone No	o. if Different Than Occupant:	
Same.		·
Ct. D. L.		
Site Description:		
Description of property (circle):     vacant house; vacant lot; other_		iness; school; daycare; church;
Problems accessing yards (circle):     resolution:		other
3) Underground utilities installed by or septic tank; other	wner? (circle): no; water;	gas; electric; cable TV;
4) Is any underground ACM present? ( If yes, note on site sketch. How deep		now
Site Sketch:	- 1.1	
(b) (6) (SACM)	orivaway	House
Estimated Volume of ACM:		
Comments: SACM in the dr	iveway by the sider	valk
Date/Time of Interview: Submitted 1	ou Quality 1-14-98	Access Granted (circle), yes; no
Team Members: GD / SJ	1/20/98	1430 05_1781_510

Tracking	#:	784	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(8) (8)		
Property Owner's Nam		
Property Address: (6) (6)	Gretna	
State/Zip:	Phone Number(s)	
- <del>- , , , , , , , , , , , , , , , , , ,</del>	***************************************	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2-10-98 DATE



TRACKING # 1784 SITE SKETCH ADDRESS:

			•	UPDATED: _	
				7-1-1-1-1-1	
				+	
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VOTES: V (NTS)			D 6" 508 /501	7 - 7	110110
1			2) 4"skell/s	011 2"	701
<u> </u>					
RESTOR	ATION: A:	limestone			
	B:				794 530
	C:_	a		U5-1	784-530
ARRIV	AL: 1000	J.	(6)		
DEPART	JKE: 103 C	RESTORATION APPROVED BY:	(6)	DATE DATE	F: 321,98
	1. I/p	The document of the second	3 10 98	JAWA BAD	1 1 2
TEAM:	3 4 / F	U JM 3/11/98 DATE:	3,10,98	phone DATI	121 [18

# SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	ı	• •	\$ 1 ° 1	+130 338
SITE#	1784	ADDRESS: (b) (6)		
	,	GRETHA L	Ar.	.;

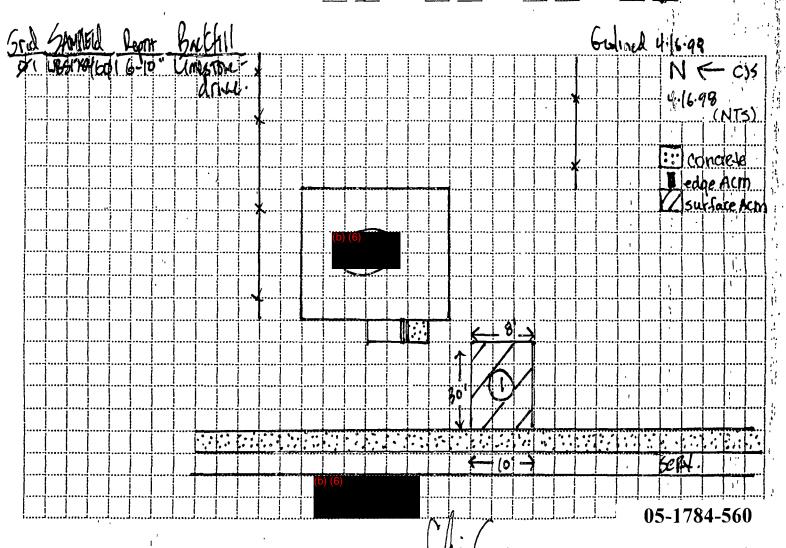
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYTICAL AS OF 4-16-48

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID #: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 4

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 | Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Monday, April 20, 1998

Ref Number: IN981153

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBES			NONASB			
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS1799G05	b) (b)	Brown	Crushed	< 1% Chry	sotile			20%	Quartz	
•		Non-Fibrous		·. •	,			80%	Other	l
		Homogeneous	•	i	•	:				1
1						. 1			2	ļ
WBS142G01		Brown	Crushed	3% Chry	sotile	1		20%	Quartz	ł
		Non-Fibrous	0.00	. 2.2 2 <b>,</b>		ł			Other	ŀ
į		Homogeneous		:		:				
· · · · · · · · · · · · · · · · · · ·						1				l
				•						ľ
WB\$142G02		Brown	Crushed	4 1% Chry		Ì			Quartz	Ì.
!		Non-Fibrous		< 1% Croc	eidolit <del>e</del>			40%	Other	ľ
		Homogeneous	•			;				ŀ
•			•	••		•				ľ
W8\$1784G01		Brown	Crushed	2% Chry	sotile			30%	Quartz	l.
:		Non-Fibrous		< 1% Croc				68%	Other	ľ
į		Homogeneous		•		:				l
				•						ŀ
WBS1320G01		D			Detected			4694	Overda	1
194631320301		Brown	Crushed	NOTE:	e Detected				Quartz Other	l
1		Non-Fibrous	•	j	•			3376	Other	1
	•	Homogeneous		•	1					Ì
	•		•	1						1

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

lane Wasilewski **Analyst** 

Approved Signatory

Disclekmers: PLM has been known to miss asbestos in a small percantage of samples which contain asbestos. Thus negative PL be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items termay only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produced an NVLAP nor any agency of the United States Government, All "NVLAP" reports with NVLAP on purity and responsible for the ancuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianspolis (NVLAP Air and Bulk #200188-0)

05-1784-570





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Ву	_Date_ <u>4-17-98</u>	Subject_	RESTORATION	site #	1784	Sheet No	of
Chkd By	Date					Proi. No.	

(b) (6)

	20 CK	; ; ;
	120	,
SIDEWALK		

05-1784-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

RESTOR	RATIO	N FORM
--------	-------	--------

SITE# __ 1784

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	,			:	44.00		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	,					'	
Sand Installation (sq.yds.)							
Lower Lift Sand				i	···		
Rock, Brown (cu.yds.)	. !						ļ
Rock, Gray (cu.yds.)	<del></del>		·		14.00		
Sand (cu.yds.)							
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)						<u>.</u>	
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	ack of P	Page			:
COMMENTS:					···		·
:					05-	-1784-590	
IT REPRESENTATIVE SIGNATU	RE ·						
SUB 1 SIGNATURE							

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: _ SITE #:	8-7-98 178H		,	ADDRESS: (b) (6)	etna ,
ACM LOCAT	'ED BENEATH:		IOUSE HED		
APPR. CRAV	NL SPACE HEIGHT:	18"			
DESCRIPTIC	ON OF ACM:	X P	HUNKS OWDER LAB		
PERCENT O	F AREA (ACM)	<u>80%</u>			
SKETCH OR	COMMENTS:				
	Rock 5			HONKS & DONE	
	SIDEWALK (b) (6)	-			
					05-1784-540

012502

TEAM MEMBERS:

PM

Tracking Number <u>/785</u>
NVA

#### **FIELD DATA SHEET 1**

**Site Information:** Occupant: Interviewee: Address: 70072 Marrero Phone No.: Owner Name, Address, and Phone No. if Different Than Occupant: **Site Description:** 1) Description of property (circle): single home duplex; business; school; daycare; church; vacant house; vacant lot; other 2) Problems accessing yards (circle): locked gate; gate; dogs; other . resolution: 3) Underground utilities installed by owner? (circle): gas; no; water; electric; cable TV; septic tank; other Note location on site sketch. 4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep? Site Sketch Concrete Estimated Volume of ACM: Comments: 1450 7/10/98 Access Granted (circle): yes; no Date/Time of Interview: 07-1785-510 Team Members:

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/23/98 SITE#: 1785		(b) (6) ADDRESS:  Marrero
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		<del></del>
SKETCH OR COMMENTS:		O.
	/	Siding
ACM PCM		
TEAM MEMBI	ERS: 12 L/-	JS 07-1785-540

Tracking Number	1786

### FIELD DATA SHEET 1

Site information	1.000	orman	·	
Occupant:	Miss Claw maru		Interviewee:	
Address: 2004	claire Ave., Gret			
Phone No.:	341 - 890	4		
Owner Name, Addre	ess, and Phone No. if Different	Than Occupant:		
			,	
Site Description:	BRAT BRAUTY SA	lon		
Description of provacant house; v	operty (circle): single home acant lot; other	; duplex; bus	sings; school; daycare; churc	h; 
Problems accessing resolution:	ng yards (circle): locked gate	e; gate; dogs	; other	
	ties installed by owner? (circle ner site sketch.	e): no; water;	gas; electric; cable TV;	•
	d ACM present? (circle): yes sketch. How deep?		now	_
Site Sketch:	productive Show	SACO -	oncrete (oncrete	Claire Me
Estimated Volume of	ACM:			
Comments: SACN	1 all behind the	building.	Building for sale Century 21 - Richard 367-2345	Berry & Asso
Date/Time of Intervi	ew: Submitted by Quali	ity 1-14-98	Access Granted (circle): yes; no	)
Team Members:	7/51 1/2	Slag	1440 05-1780	6- <b>5</b> 10

Tracking #: 1786

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: amay J. Morman
Property Address: 2004 Claire and.
State/Zip: Adutisiona Phone Number(s) (504) 341-8 904
Louisiana, 70012 7 (504) 362-7830
Dohnuiz Arbo-schlast

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1-27-98 DATE Umay J. Moorman SIGNATURE

### WESTBANK ACM RUMO VAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

							•
FYI:							
SITE#	1786			ADDRESS:	2004 Cla	ure Ave	
					BRETHA,	la.	,
THE SAMI WERE EVA	'LE ANAI \LUATED	LYSIS RESULTS F DBY THE USEPA	OR THE AL	ove refer Am on <mark>No an</mark>	enced site ) I <b>alytkol as H</b>	YERE RECEIV 3.23.18 3.21	YED AND '
BASED ON ACTION:	I AN EVA	LUATION OF TH	E ANALYTI	ICAL DATA,	WE RECOMM	END THE FOL	LOWING
		GRID#	1 2	3 4	5 6	7 8	9 10
A. PROCE	ED WITH	RESTORATION:	<u>/</u> /	<u> </u>		/ //	VV.
B. FURTH	ER ACTIO	NECESSARY:					1
	_			***************************************	1	,	
d Samped	Deent	Backfill	6rids	1-8 Geolined	3.23.98 6	rids 9+106	*******
W36178661 UB\$17866		Sad soil word	*			1 1 1 1 7	-> css
WB517866		sal soil had		umy's fore &	lectine		23.98 (NTS)
UB517866		sal sal yad					
WAS178466	( * * * * * * * أ * * * * * * * * * * *	sed sail yard		3		, , , , , , , , , , , , , , , , , , , ,	concete :
UBS176466		undertone dent	(6)	_ (0)	<del></del>		edge ACM
WAI7669		LIPERTON ATTE 130	<b>*</b> ①	6			surface Acm
UBSINELED LIBSINELED		Limestone Irne L	(3)		120		
485174619	6"	Limestone drive					
				(1)			
				(10)	41		
			*				
					7		
				200	4)		
			*				
			Clare	Duvi	1 1 1	05.15	706 560
			Chaire	Ave	. ] ]	<b>U5-1</b> 7	786-560

AUTHORIZED EPA/START REPRESENTATIVE

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Wednesday, March 25, 1998

Ref Number: IN98804

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

}			SAMPLE	ASB.	ESTOS		NONASB	ESTOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1665G01	(b) (6) ···	:Brown	Crushed	< 1% Ch	Irysotile			80%	Quartz
		: Non-Fibrous			•				Other
		Homogeneous							Culoi
	i .		•						
WBS1786G01	2004 Claire, Gretna	,	Crushed	, No	ne Detected			B004	D:1-
	,	Non-Fibrous	Crasiled		nie Delected				Quartz
l :	1	Homogeneous		İ		,		2076	Other
<b>}</b> [		Homogenacus	1	1					
	•		And the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o		•	•			
WB\$1786G02	2004 Claire, Gratna	Brown	Crushed	į No	ne Detected			80%	Quartz
		: Non-Fibrous	;					20%	Other
1	ļ	Homogeneous		;					
			.i	1	•	•			1
WBS1786G03	2004 Claire, Gretna	Brown	Crushed	No	ne Detected	f		 80%	Quartz
	i	Non-Fibrous	!	1					Other
1		Homogeneous	;	!					
]:	,	:	!						
WBS1786G04	2004 Claire, Gretna	· · · · · · · · · · · · · · · · · · ·	Crushed	No	ne Detected			80%	Quartz
1100	1	Non-Fibrous	Cidalian	:	ine Detected				Other
<b>}</b> 1	!	Homogeneous		•				20,0	Guiei
<u>[</u> [	1	Homogeneous		i				•	
		1						**	
WB\$1786G05	2004 Claire, Gretna	! Brown	Crushed	No	ne Detected				Quartz
11		Non-Fibrous				-		20%	Other
<b>)</b> )		Homogeneous	1						

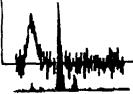
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

**Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss sebestos in a sinall percantage of samplot which contain asbestos. Thus negative if be guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approvat by EMSL. The above test must not be used by the client to claim product a NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze (ayered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).



EMSL

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Sansome
Ecology & Environment
11550 New Castle Avenue

Wednesday, March 25, 1998

Ref Number: IN98804

Suite 250 Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASBESTOS		MONASBI	SIOS	
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROU	S
WB\$1788G08	2004 Claire, Gretna	Brown Non-Fibrous	Crushed	None Detected			80% Quartz 20% Other	
		Hamaganeous		11 MMR 300 44	ļ			i
WB81788Q07	2004 Claire, Gretna	Brown/Black Non-Fibrous Heterogeneous	Crushed/Dissolved	None Detected	·   · · · · · · · · · · · · · · · · · ·		80% Quartz 20% Other	
WB81786G08	2004 Claire, Greine	Brown/Black Non-Fibrous Heterogeneous	Crushed/Dissolved	None Detected			80% Quertz 20% Other	
WB\$1705Q01	(b) (6)	Brown Non-Fibrous	Crushed	< 1% Chrysotile < 1% Crocidalite			80% Quartz 20% Other	•
		Homogeneous	·	1	. j			



Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

Disolaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative P be guaranteed. Ploor tiles and wipes should be tasted with either 8EM or TEM. The above test report retates only to the items t may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim product at NVLAP nor any squrcy of the United States Government. All "NVLAP happers with NVLAP logo must contain at least one signs taboratory is not responsible for the securacy of results when requested to physically separate and energies. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200189-0).

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

(317) 570-5894 EN

Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue
Suite 250

UL / U / UU U U J 4

Thursday, March 26, 1998

Suite 250 Baton Rouge, LA 70816

Ref Number: IN98822

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

; •			SAMPLE	ASBESTOS		NONASBESTOS				
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS	
WBS1786G09	2004 Claire Avenue, Gretna	Brown Non-Fibrous Homogeneous	Crushed	No	ne Detected	< 1%	Cellulose		Quartz Other	
WBS1786G10	2004 Claire Avenue, Gretna	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile	:			Quartz Other	
WBS1705G02	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Ch	rysotile ocidolite	:			Quartz Other	
WB\$1617G06-II		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				Quartz Other	
WBS1503G01		Brown Non-Fibrous Homogeneous	Crushed	3% Ch	rysotile				Quartz Other	
WBS1503G02		Brown Non-Fibrous Homogeneous	Crushed	10% Ch	rysotile	:			Quartz Other	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret & Ailly Margaret Phillips
Analyst

Approved Signatory

WH.

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM be guaranteed. Floor tiles and wipes should be teated with either SEM or TEM. The above test report relates only to the floring test may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product end NYLAF not any agency of the United States Government. All "NYLAF" reports with NYLAF logo must contain at least one signatu. Laboratory is not responsible for the securacy of results when requested to physically separate and shalyze layered samples. Analysis performed by EMSL of Indianapolis (NYLAP Air and Bulk #200188-0).

### EMSL Analytical, Inc.

6330 East 75th Street. Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Gregory Day **Ecology & Environment** 11550 New Castle Avenue

Friday, March 27, 1998

Suite 250

Ref Number: IN98807

Baton Rouge, LA 70816

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

**Project: 20601 WESTBANK ASBESTOS** 

SAMPLE	VOLUME	ASBESTOS	_	_	TURES	AREA ANALYZED	CONCENTA ASBESTOS S	TRUCTURES	ANALYTICAL SENSITIVITY
ID.	(liters)	TYPE(S)	< 5µ	≥ 5μ	NONASB	(mm²)	AS/mm²	AS/ec	(AS/ee)
WBS1786HF2	4122,36	Chrysotile	: 5	1	· 0	l : 0.0484	165.2893	0.0154	0.0019
,	ļ	Crocidolite		1	-				

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

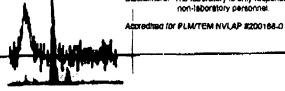
non-laboratory personnel

Richard K. Harding **Analyst** 

Approved Signatory

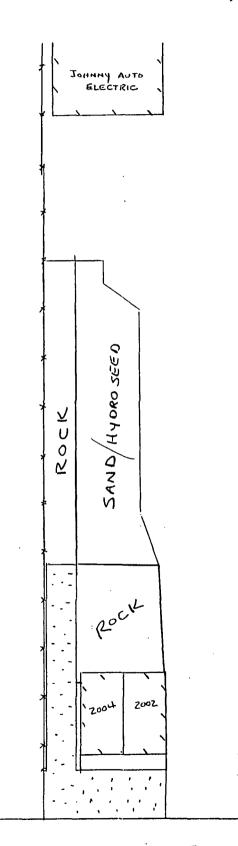
The laboratory is only responsible for fibers counted in fibers/mm* and not in fibers/co, which is dependent on vot-

05-1786-573



012512





12513

# WESTBANK ASBESTOS ABATEMENT

D	EC.	$T \cap$	DA	71/	A A I	FO.	DNA
ľΥ.	ES.	I U	ĸΑ	II	צונ	FO	KIVI

SITE#	1786
-------	------

	DATE	DATE	DATE	DATE			
					EST.	ACTUAL	ACT.
:					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					369.∞		
Sod Installation (sq.yds.)			,				-
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					365.		
Lower Lift Sand							
Rock, Brown (cu.yds.)	-						-
Rock, Gray (cu.yds.)					96.00		
Sand (cu.yds.)					150.**		
Concrete (cu.yds.)					,		
Plastic Edging (ft.)							-
Walkway Rock Inst. (sq.yds.)	}						
Topsoil (cu.yds.)							-
EXTRA							
	Site Ske	etch on E	Back of F	Page	•		
COMMENTS:	<del></del>						
		····	···		i		
			·····		05-	1786-590	
IT REPRESENTATIVE SIGNATU	IRE .						<del></del>
SUB 1 SIGNATURE							
SUB 2 SIGNATURE		01	2514	1			

1

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-1-98	ADDRE	SS:	2004	
			CLAIRE AVE	
SITE #:		_	GRETNA	
				/
	•			
ACM LOCATED BENEATH:	HOUSE			
	SHED			
APPR. CRAWL SPACE HEIGHT:				
DESCRIPTION OF ACM:	CHUNKS			
	POWDER			
	SLAB			
PERCENT OF AREA (ACM)				
TENOETT OF THE TOTAL				
SKETCH OR COMMENTS:				
N COMMENTO.	SISTER DE	= /s 1s	SEAUTY SHOP	
	JOHNAY'S	111+0	DE DAIN	
		<u> </u>	Repart	
	BULDINGS	AAI	CONC SLAB	-
	Solconous		C010 C SE115	
	4017			
	**************************************			
To US ACM				
7		***************************************		-
3				
A				
3				
•				
			05 1504 540	
			05-1786-540	
TEAM MEN	BERS: PM			

#### FIELD DATA SHEET 1

Site Information:

Occupant:			Interviewee:
Address: (b) (6)	Gretna		
Phone No.:			
Owner Name, Address, and Phone No. if D	ifferent Than Occ	upant:	
Same			•
Site Description:			
Description of property (circle): singly vacant house; vacant lot; other	le home; duplex	; bus	iness; school; daycare; church;
2) Problems accessing yards (circle): for resolution:	ked gate; gate;	dogs;	other
3) Underground utilities installed by owner septic tank; other  Note location on site sketch.	? (circle): no;	water;	gas; electric; cable TV;
4) Is any underground ACM present? (circl If yes, note on site sketch. How deep?	e): yes; no; o	don't kr	now
Site Sketch:	(b) (	(6)	·
(b) (6)	H	ou se	SKE
Estimated Volume of ACM:			
Comments: in the driveway		in A	SACM by the gate.
Lots of Children's toys	•	- 1	
Date/Time of Interview: Submitted by	Quality 1-14.	98	Access Granted (circle): /yes; ) no
Team Members: GD / SJ	1/20/98	1125	05-1787-510

Tracking #: 1787

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (6)		
Property Owner's Name:		
Property Owner's Name: Property Address:  State/Zip: 67 RETWALA Phone Number(s) (6)	· · · · · · · · · · · · · · · · · · ·	
State/Zip: Corkerna LA Phone Number(s) (6) (6)		
· - · /,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

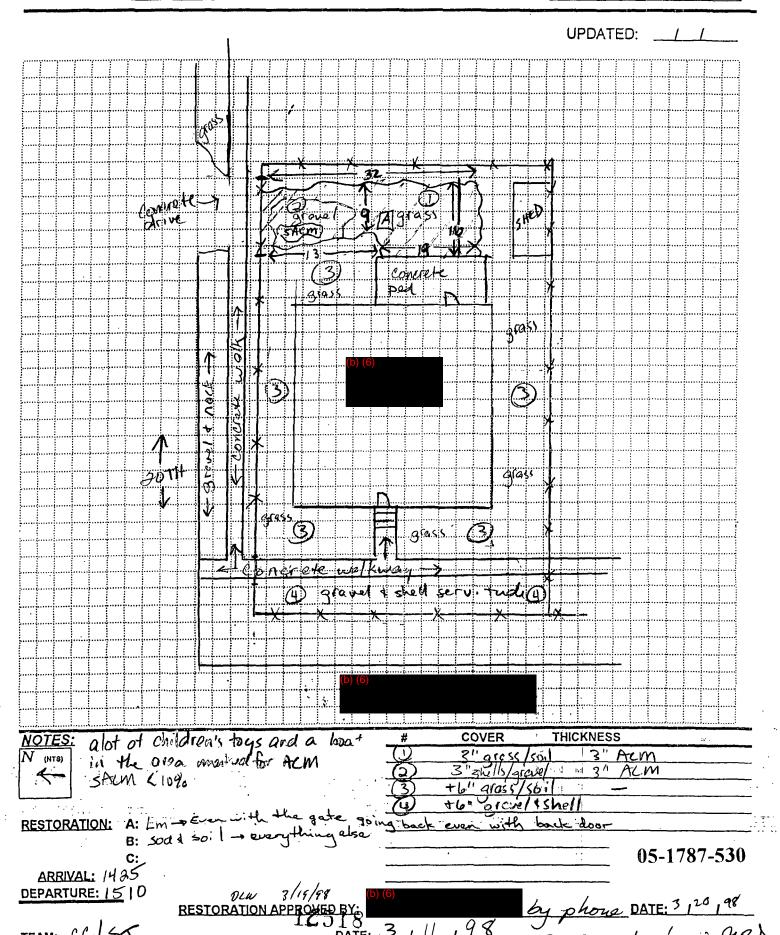
3/9/98 DATE



DEPARTURE: 15 10

TEAM: CC/SS

to ET 3/20/98 : SRD



### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

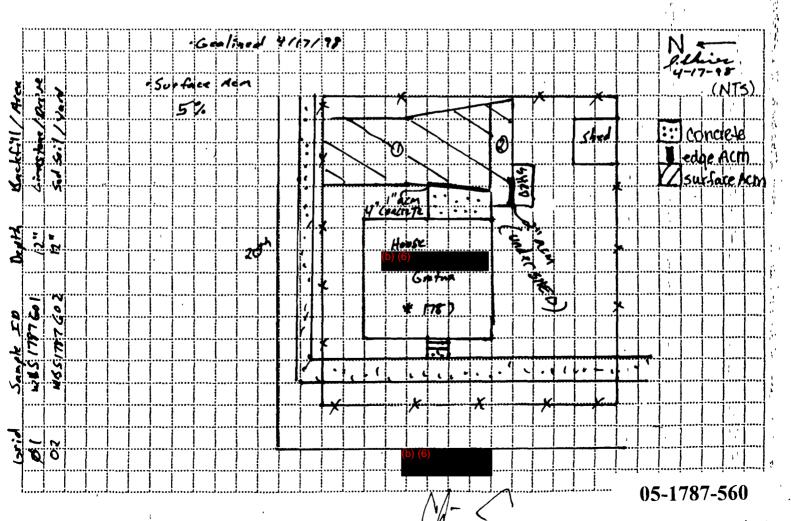
	•	Gret	n4	‡ ‡	
SITE#	1787	ADDRESS: (b) (6)		·	<u>;</u> ;
FYI:			` ,		

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO WAYRED AS O 4.17.48

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID# 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 19 MM SMA

### EMSL Analytical, Inc. Indiana 46250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

) x (317) 570-5894

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Wednesday, April 22, 1998

Ref Number: IN981195

### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

	. 5647101/	ABBEADANCE	SAMPLE TREATMENT	ASBE	STOS TYPE	*	<u>NONASBE</u> FIBROUS	STOS % NONFIBROUS
<b>SAMPLE</b> WBS1847G01	LOCATION (b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysolil <b>e</b>			30% Quartz 70% Other
: :WB\$1847G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr < 1% Cro				30% Quartz 70% Other
WB\$1787G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysotile			10% Quartz 90% Other
WB\$1787G02		Brown Non-Fibrous Homogeneous	Grushed	< 1% Chr	ysotil <del>e</del>			10% Quartz 90% Other
WBS1813G01		Brown Non-Fibrous Homogeneous	Crush <del>e</del> d -	< 1% Chr < 1% Cro	-	•		30% Quertz 70% Other
WBS1821G01		Brown Non-Fibrous Homogeneaus	Crushed	< 1% Chr	ysotlie			20% Quartz 80% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layere" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst

Approved Signatory

05-1787-570

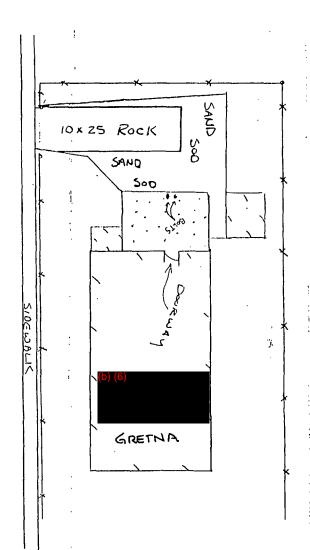
Oraclaimers. PLM has been known to miss aspectos in a small percentage of samples which contain aspector. Thus negotive be guaranteed. Fixer tiles and wiper should be tested with either 8EM or TEM. The above test report relates only to the item may only be reproduced in full with written approved by EMSL. The above test must not be used by the client to claim productively nor any agency of the United States Government. All TNVLAPI reports with NVLAP logo must contain at tests one sit Leboratory is not responsible for the accuracy of results when requested to physically separate and energy always performed by EMSL of indiagnapolis (NVLAP Air and Bulk #200188-0).



 By
 PM
 Date 4-20-98
 Subject RESTORATION SITE 1787
 Sheet No. _______

 Chkd. By
 Date ________
 Proj. No. ________

(b) (6)



(b) (6)

05-1787-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

RESTORATION	N FORM
NESTONATIO	A LOUIN

SITE # 

	DATE	DATE	DATE	DATE		A CTITAL	АСТ
			•		EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)				:	_28.≌		
Sod Installation (sq.yds.)					37.89		
6" Concrete Installation (sq. yds.)					•		
4" Concrete Installation (sq. yds.)	: ,						
Sand Installation (sq.yds.)	ì				37.22		
Lower Lift Sand					,		_
Rock, Brown (cu.yds.)					'		
Rock, Gray (cu.yds.)	<u> </u>				12.2		
Sand (cu.yds.)					14,22		_
Concrete (cu.yds.)							_
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)		,					
EXTRA							
,	Site Ske	etch on E	Back of F	Page :			
COMMENTS:				" .			······
	: 			· ·	· · · · · · · · · · · · · · · · · · ·		<del></del>
				•		NE 1707 EN	Δ
IT REPRESENTATIVE SIGNATU	JRE .				······································	05-1787-59 	
SUB 1 SIGNATURE	,	· · · · · · · · · · · · · · · · · · ·					
SUB 2 SIGNATURE	;	•	11252	2 1 1		,	

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/1/98 SITE #: 1787	7	ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM) SKETCH OR COMMENTS:		=	
(b) (6)		- gards	1 Sockad A A 9/1/48
		/	05-1787-540

012523

TEAM MEMBERS: DA / MC

### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address: Across the street from (6) (6)
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant:
Jame
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:  (D) (6)  (Dand and D) (6)  (Piece of ACM
Estimated Volume of ACM:
Comments: near the meter in the Servitude. SACM in servitude along (b) (6)  ORcease only up (5) (6)
Date/Time of Interview: Submitted by Quality 1-14-98 Access Granted (circle) (yes; ) no
Team Members: 5 . \ PL

Tracking #: 1788

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Na(b) (6)			
Property Address:			
State/Zip:	Phone Number(s) (6)		O
•	• • •	,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/24/98 DATE SIGNATURE 05-1788-520 TRACKING # 1788

SITE SKETCH ADDRESS:

	UPDATED:/_/
61/1	
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	$\mathcal{L}_{\mathcal{A}}$
	<b>D</b> 2.
Grass Grass	
	<del>y y</del> / , , , , , ,
(b) (6)	
NOTES:	TUCKNESS
NOTES:  N (NTS)  Piece of ACM lying # COVER  D Sal/Soil	THICKNESS
NOTES:  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  Notes  N	
- one	
RESTORATION: A: No restoration needed.	
B: New Meeded.	05-1788-530
ARRIVAL: 1445	
RESTORATION APPROVED BY: No Restoration Requ	ired DATE: 1,30,98
TEAM: SJ/PL JM 1/29/98 DATE: / 178,198	A 1

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	† :			·异位:	
	. 4	:	4 14	4	
SITE#	1788	ADDRESS: (b) (6)			, "1.
			 7 1		

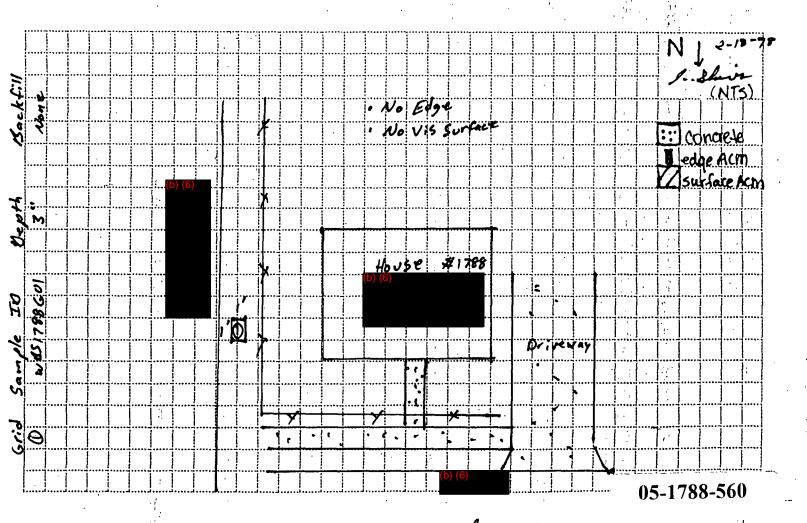
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 16 Analytical 05 of 2-18-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPASTART REPRESENTATIVE John 7. Shine J

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Jody Shires

**Ecology & Environment** 11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, February 20, 1998

Ref Number: IN98480

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASBI	ESTOS		NONASBE	<u>stos</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	<b>FIBROUS</b>	% NONFIBROL
WB\$1734G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile			30% Quartz 70% Other
WBS1803G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	orysotile	<u>.</u>		30% Quartz 70% Other
WB\$1756G01		Brown Non-Fibrous Homogeneous	Crushed	2% Ch < 1% Cr	rysotile ocidolite			40% Quartz 58% Other
WBS1428G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Cr	nrysotile ocidolle			40% Quartz 60% Other
WB\$1684G01		Brown Non-Fibrous Homogeneous	Crushed		nrysotlle ocidolite			40% Quartz 57% Other
WBS1788G01		Brown Non-Fibrous Homogeneous	Crushed	i No	one Detected			30% Quartz 70% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jáne Wasilewski **Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentege of samples which contain asbestos. Thus negati be guaranteed. Floor tiles and wipes should be tested with either SEM of TEM. The above test report relates only to the ite may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produNVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one i Laboratory is not responsible for the accuracy of results when requested to physically separate and shalyze layered samples Apalysis performed by EMSL of Indianapolia (NVI AF Air and Bulk #200188-0). 05-1788-570



# WESTBANK ASBESTOS ABATEMENT

R	ES	TO	RA	TI	ON	I FO	RM

SITE# 1788

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP
ock Installation (sq.yds.)					,		
od Installation (sq.yds.)				<del></del>			
Concrete Installation (sq. yds.)		·			I	-	
Concrete Installation (sq. yds.)							
nd Installation (sq.yds.)							
wer Lift Sand					1		
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)	·		!				
nd (cu.yds.)					ŧ		
ncrete (cu.yds.)					•		
astic Edging (ft.)							
alkway Rock Inst. (sq.yds.)							
psoil (cu.yds.)				·			
CTRA							
	Site Ske	tch on E	Back of P	'age			
OMMENTS: <u>No Res</u>							······································
						05 1500	
REPRESENTATIVE SIGNATU	RE		:			05-1788-5	590
JB1 SIGNATURE					<del></del>		

012529

SUB 2 SIGNATURE

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/8/98</u> SITE #: <u>1788</u>		(b) (6) ADDRESS:	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:	<u> </u>		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		<u></u>	
SKETCH OR COMMENTS:			
	/		
	/		
12	/ )		
	( )		
	Nov =		
· * * * * * * * * * * * * * * * * * * *	7		
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		AMADE WAS ASSESSED.	
No			
		/ 05-1	788-540

TEAM MEMBERS:

Tracking Number	1789
Tracking Number	170'

### FIELD DATA SHEET 1

Site Information:

Occupant:		Interviewee:
Address: (b) (6) (c) (d)	Gretna	
Phone No.:		
Owner Name, Address, and Phone No. if Differe	•	
Same	CBrother (	occupies (b) (6)
Site Description:		
Description of property (circle): single hor vacant house; vacant lot; other	me, duplex bus	siness; school; daycare; church;
Problems accessing yards (circle): locked gresolution:	gate; gate; dogs;	s; other
3) Underground utilities installed by owner? (cir septic tank; other	-	; gas; electric; cable TV;
Is any underground ACM present? (circle):     If yes, note on site sketch. How deep?		now
Site Sketch:	(b) (6)	Dead
Estimated Volume of ACM:	See . ok	per (D) (G)
	and house	le - SACM
Comments: Between the fence	un q , rous	
Date/Time of Interview: Submitted by Qua	dity 1-14-98	Access Granted (circle): yes; no
Team Members: (X/S) 1/:	<b>~</b> .	05_1780_510

Tracking	#:	1789	
			_

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name		
Property Address:	(b) (c)	Goodina
State/Zip: <u>LA</u> 70053	Phone Number(s)	
<b>A</b>		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

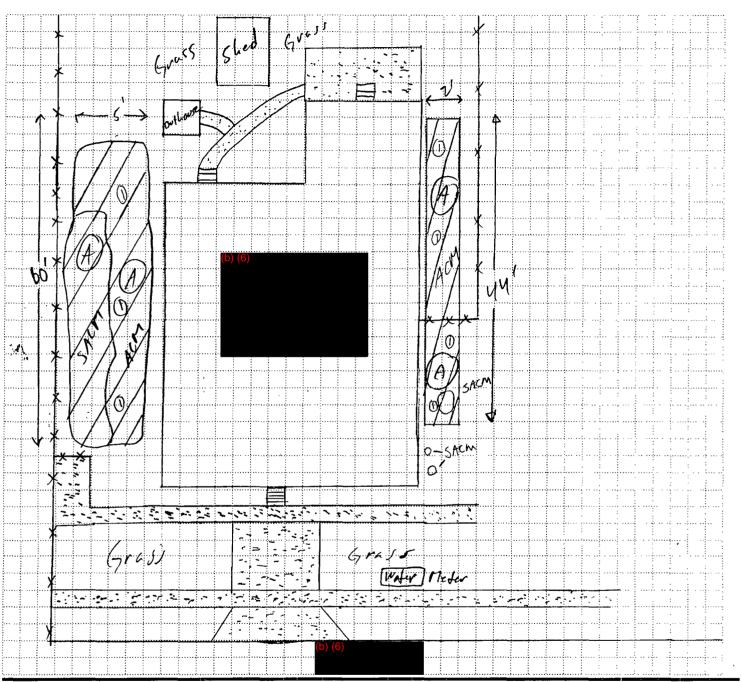
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

// Z\$/98 DATE SIGNATURE

05-1789-520

UPDATED: 1/8/98



NOTES:	#	COVER	THICKNESS	
N (NTS)	0	2" Sod/Soil	2"	
~ (1C:)				
RESTORATION: A: Soc Soil				05 1500 530
B:				05-1789-530
C:				
	o) (6)			
DEPARTURE:				1 7506
RESTORATION APPROVED BY:				DATE: 1 VOI / 8
TEAM: 5.J. /P.L. JM 1/29/98 DATE:	1128	198		129/98
7.4	1500		TO IT	1/27110

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# WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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AUTHORIZED EPA/START REPRESENTATIVE

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Wednesday, March 25, 1998

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250 Baton Rouge, LA 70816

Ref Number: 1N98804

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	<u>ASBESTOS</u>		NONASBL	stos
SAMPLE	LOCATION	<b>APPEARANCE</b>	TREATMENT	% TYPE	%	FIBROUS	% NONFIBROUS
WBS1789G01	0) (6)	Brown	Crushed	2% Chrysotile			
		Non-Fibrous	-1001104	1% Crocidolite			77% Quartz
i		Homogeneous		. The Crockdollite			20% Other
) i		110111090110000		!			
				·	•		
WB\$1789G02		Brown	Crushed	2% Chrysotile		,	76% Quartz
} }		Non-Fibrous		2% Crockdolite		1	20% Other
		Homogeneous	;		i	1	
li			· .		:	}	
WBS1750G01		100	1		4	;	
i 77531750301		Brown	Crushed	2% Chrysotile			78% Quartz
<b>{</b>		Non-Fibrous		< 1% Crocidolite			20% Other
]		Homogeneous	!	I			,
1			.i				
WBS1873G01		Brown	Crushed	None Detected			80% Quartz
		Non-Fibrous		·			20% Other
) )		Homogeneous	;	i İ			: :
) .			i	<u> </u> 			
11MDC4972003		i	<u></u>		1	,	
WBS1873G02		Brown	Crushed	2% Chrysotile	:		78% Quartz
į į		Non-Fibrous	ļ	i			20% Other
]:		! Homogeneous	)	,		j	:
<b>{</b> !		i	1	· • • • • •	, '	İ	; 1
WB\$1873G03		Brown	Crushed	1% Chrysotile			78% Other
		Non-Fibrous		1% Crocidolite		;	20% Other
} '		Homogeneous	!		•		
		1 . AutoRationes	1				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

**Analyst** 

Approved Signatory

be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items to on guaranteed. Floor ties and wipes anound be rested with either SEM or 1EM. The above test report relates only to the items of may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product or NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signs Laboratory is not responsible for the accuracy of results when requested to physically seperate and analyze layered samples Analysis performed by EMSL of Indianapolix (NVLAP Air and Bulk #200188-0). 05-1789-570

PAGE

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EWSF

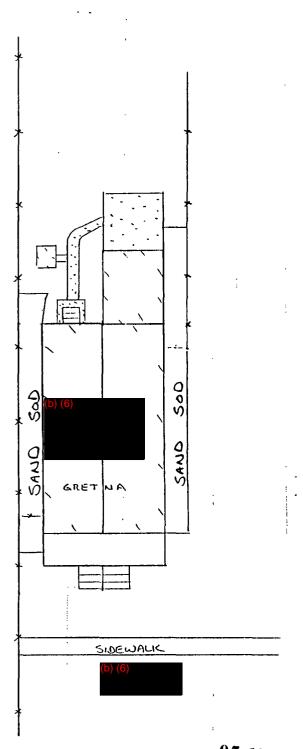
3175705894

13:58 8661/92/60

^{*} NY samples also analyzed by ELAP 198-1 Method



TEC	CHNOLOGY ORPORATION						(	
Зу <u>РМ</u>	_Date_ <u>3-24-98</u>	_Subject_	RESTORATION	site#	1789	_ Sheet No	of	
Chkd By	Date			T/C		Proi No		



05-1789-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

#### RESTORATION FORM

SITE# 1789

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)			·				
Sod Installation (sq.yds.)					5∂.∞		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)					·		ļ
Sand Installation (sq.yds.)					5∂.º≌		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	,						
Sand (cu.yds.)					12.00		
Concrete (cu.yds.)					•		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	tch on B	Back of F	Page			
COMMENTS:							
				•			
IT REPRESENTATIVE SIGNATU	IRE				05	-1789-590	
SUB 1 SIGNATURE	•				<del></del>	• • • •	

012537



1
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Ву <i>РМ</i>	_Date_ <u>4-20-98</u> Sub	ject RESTORATION SITE	# 1787	Sheet Noof
Chkd By	Date			Proi No

10 x 25 Rock SAND GRETNA

05-1789-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

RI	ES	TO	$\supset F$	?A	TI	ON	F(	ЭR	M
----	----	----	-------------	----	----	----	----	----	---

SITE# 1787

	DATE	DATE	DATE	DATE			
•					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)			·	:	28.≅		
- Sod Installation (sq.yds.)					37.∞		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	<i>;</i> ,						
Sand Installation (sq.yds.)	i				37.2		
Lower Lift Sand							
Rock, Brown (cu.yds.)						-	
Rock, Gray (cu.yds.)	\				12,82		
Sand (cu.ydś.)	,				14,22		
Concrete (cu.yds.)							
Plastic Edging (ft.)	ļ }						
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)							
EXTRA							
.1	Site Ske	etch on E	Back of F	Page			
COMMENTS:	:			#1	7 - 1.1		
				·			
							····
IT REPRESENTATIVE SIGNATU	JRE .						<del></del>
SUB 1 SIGNATURE	•					05-1789-59	0 _
SUB 2 SIGNATURE	;	() 1	2539	<b>i</b> • .			

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

<u> </u>	05 1500 540
(b) (6)	
*	
*	
(D) (G)	
X X	
SKETCH OR COMMENTS:	
PERCENT OF AREA (ACM)	290
	POWDER SLAB
DESCRIPTION OF ACM:	CHUNKS
APPR. CRAWL SPACE HEIGHT:	<u></u>
	SHED
ACM LOCATED BENEATH:	HOUSE
SITE #: //8 9	
DATE: 9/2/98 SITE #: 1789	ADDRESS:
66	(b) (6)

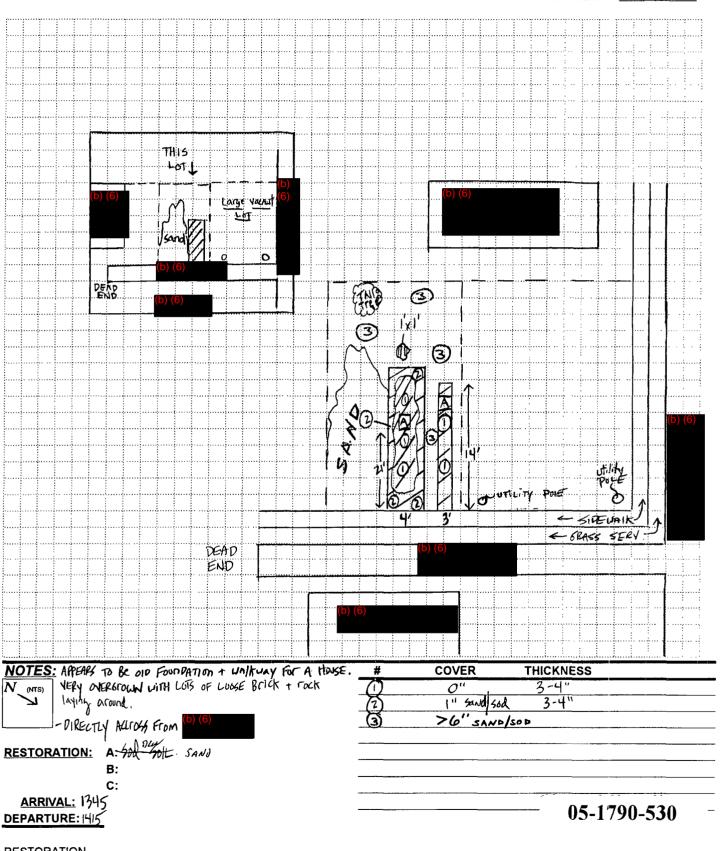
TEAM MEMBERS:

Tracking Number 1790

#### FIELD DATA SHEET 1

Site Informa	ation:				
Occupant:	Denolished	house		Interviewee:	
Address: (b) (	6)	Gre	.tna		
Phone No.:					
Owner N	Address and Dhone No	if Different Than	Occupant; tter setti	ng on groun	(b) (6)
Site Descrip	tion:				
	of property (circle): se; vacant lot; other		uplex; bus	iness; school;	daycare; church;
	ccessing yards (circle):		gate; dogs;	other	
septic tank;	nd utilities installed by o other on on site sketch.	wner? (circle):	no; water;	gas; electric;	cable TV;
4) Is any under If yes, note of	rground ACM present? (on site sketch. How dee	(circle): yes; r p?	no; don't kı	now	
Site Sketch:		(b) (6)  SACY  FOUNDA	TIOD SACON		
Estimated Volu					
Comments: S	SACM walk neter - House	vay to to	he hous	se + to th -demole	e left of the Shed
	nterview: Submitted				
Team Member		,			05-1790-510

UPDATED: 5/14/98



RESTORATION

APPROVED BY: OSCIACE DLW DATE: 5 1/5 1/9 OWNER UNE DOWN DATE: 1 1

EAM: 05 PL DATE: 1 1 TO IT DATE: 5 115 1 98 00 1125 42

# Resident Contact Log Owner

Residence Number: 1790		
Property Address: (b) (6)	Gretna	
Owner Name:	(?)	
Current Location/Phone/Fax:_	(b) (6)	

M/P/W	Date	Time	Init	R/I	Comments	Status
W	4/15/48				mailed Access Sent back	
P	5/2/ge		CVM	I	suid they do not our that pupaly	(b) (6) called
P	5/12/98		CK	I	Called tax assessor, requested legal	
	,					
						<u> </u>
					. 1	!
,						
		,				
				•		
		,				!
***************************************		***************************************				
			•			
						· · · · · · · · · · · · · · · · · · ·

M=Meeting; P=Phone Call; W=Fax or Written

Init-Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

Date: 4-15-98

Westbank Asbestos Removal Project U.S. Environmental Protection Agency 2150 Westbank Expressway (Trailer in rear) Harvey, LA 70058

Dear property owner,

We have been unable to contact you regarding the suspect Asbestos Containing Material (ACM) on your property at the address listed below. Asbestos removal assistance and this project is nearing completion. Please contact us as soon as possible. Attached is a Fact Sheet describing the EPA Westbank Asbestos Removal Project.

Please phone: 5

504-363-2980 or 504-367-6788

Thank you very much for your cooperation.



Westbank, Louisiana

# Westbank Asbestos SITE UPDATE

February 1998

# NOTICE: the Westbank Asbestos removal project is nearing completion

The U.S. Environmental Protection Agency (EPA) and the Louisiana Department of Environmental Quality (LDEQ) have been working to address environmental problems related to asbestoscontaining materials (ACM) in the Westbank area near New Orleans. In October 1996, the agencies began a removal action to excavate and dispose of the ACM from public accessible residential properties. As the removal action has progressed, new ACM locations continue to be identified and addressed. As of the December holidays break, we have inspected 1778 properties for ACM and we confirmed 1,184 of these properties to have visible ACM within our scope of action.

As the removal project is nearing completion, we would like to address all the properties with ACM that could be addressed within our scope of action. Therefore, we will accept requests from property owners to investigate residential properties for a short period. If you are a residential property owner and request to have your property

inspected, please notify the Command Post at (504)363-4917. The CP is located behind the Harvey State Building. The Removal Action is funded by EPA Superfund. EPA has no plans to recover clean-up costs from the residential property owners.

After the EPA project team receives your request and other information, they will schedule a site inspection to identify and sketch the specific ACM. Once the ACM is identified, EPA is required to obtain an signed access agreement for each property location from that property's owner prior to any removal activities. If an access agreement. for a particular property cannot be obtained, EPA and LDEO will notify the property owner of the applicable asbestos removal regulations. However, it is stressed that ACM removal by private individuals is not advisable or recommended.

The specific ACM of concern is a waste material that local citizens used as driveways, walkways, and fill material. A local

manufacturing facility was the apparent source of the ACM which they made available to the public during the 50s and 60s. In most of the ACM locations, mechanical disturbances such as walking, recreational activities, lawn maintenance, and driving are causing continued deterioration of the ACM. If deterioration of these locations are allowed to continue, the ACM will turn to a powder which can become airborne. Exposure of the public to asbestos fibers via inhalation would result.



05-1790-600

Tracking	#:
----------	----

•	WESTBANK ASBESTOS SITE
	÷ <b>¥</b>
Prope	arty Owner's Name:
Prope	erty Address:
State/	Zip:Phone Number(s)
	ı
	by consent to officers, employees, and parties authorized by the United States of Protection Agency (EPA) entering and having continued access to my property for purposes:
1. The taking	g of such soil, water, and air samples as may be determined to be necessary;
2. Other acti	ons related to the investigation of surface or subsurface contamination.
3. The perfo	rmance of a response action including, but not limited to, the following actions:
<b>a.</b>	Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
<b>b</b> .	Removal of asbestos-contaminated material from the property;
C.	Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
d.	The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
c.	The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.
under the Co (CERCLA),	ize that these actions are undertaken pursuant to EPA's response responsibilities imprehensive Environmental Response, Compensation, and Liability Act, as amended 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate betances located on such a property.
and without t	written permission is given by me voluntarily with knowledge of my right to refuse threats or promises of any kind. By signing this access agreement I am not waiving law or in equity I may have against any person or party in connection with the on EPA will perform.

SIGNATURE

DATE

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

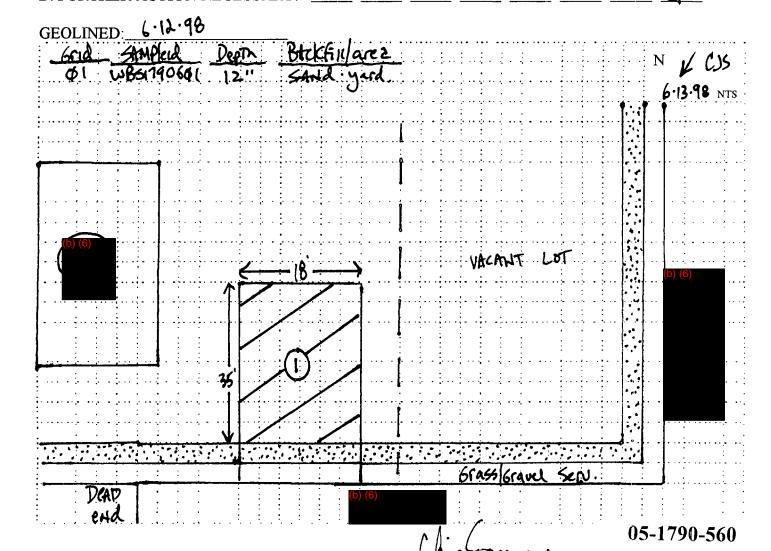
FYI: SITE# 1790 ADDRESS: 6 SETNA LA

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYSIS AS OF 6.15.96

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

B: FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE

012547

6330 Z. 730 ZL, 5800 732 Indianapolis, IN 46250

Phone: (317) 576-5892

Fau (317) 570-5894 E MSI

Attn.: Chris Sansome Sectory & Eurirenment 11550 New Castle Avenue Salta 250

Ref Number: IN981961

Wednesday, June 17, 1998

Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/114 Method*

Project: 020601 WESTBANK ASBESTOS

&AMPLE	LOGATION	AFFEARANCE	RAMPLE TREATMENT	ARRESTOR % TYPE	×	MEMORA		NONTEROUS
W891790901	(b) (6)	Bruin Non-Florous Hernegeneous	Crushed	<1% Chrysolile			100%	Other
WS81706001		Brown Non-Fibrous Hamageneoue	Crushed	< 1% Chryestile			100%	Other
WB91946009		Brown Non-Pibrous Hamageneous	Crushed	None Detacted			100%	Clinar
WB81945G04		Stown Non-Fibrous Homogeneous	Crushed	6% Chrysottis			95%	Other
WBB1680901		Brown Non-Ribraus Homogeneous	Cruehad	Name Delected			100%	Other
M981990003		Brown Non-Plaraus Hernogenissus	Cruehed	5% Chrysothe			964	Other

Comments: For all obviously historegeneous eamples easily separated into subsamples, and for layered eamples, each component is analyzed separately. Also, "6 of Layers" refers to restrict of separatele subsamples.

* NY mimpies also englymed by ELAP 198-1 Method

Approved Signatory

Analysis performed by WHISL Indianapolis (NVLAP Air and Wilk 6360106-5, )

05-1790-570



012548

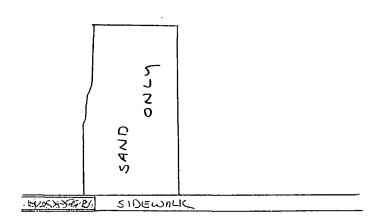
1
ノ

11

ВуРМ	_Date <u>_6-I3-98</u> _	_Subject	RESTORATION	site #	1790	Sheet No	_of
Chkd. By	_Date					Proi. No.	

(b) (6) GRETNA

( JACANT LOT )



(b) (6)

05-1790-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RES?	TOR	AT	ION	I FO	RIV
112	$\cup \cup \cup$	$\sim$	$I \cup I \setminus I \setminus I$	IIU	1 1 1 1 1

SITE # 1790

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)					···		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	·						
Sand Installation (sq.yds.)					68.≈		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					32.2		
Concrete (cu.yds.)	·						-
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)					<del></del>		
Topsoil (cu.yds.)							
EXTRA					<u> </u>		
	Site Ske	tch on B	ack of P	age ·			
COMMENTS:					i		
			· · · · · · · · · · · · · · · · · · ·		05-17	790-590	
IT REPRESENTATIVE SIGNATU SUB 1 SIGNATURE	RE .		1255	()	······································		

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/2/98 SITE #: 1790		ADDRESS: (b) (6)	
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	NA	<del>_</del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
		vacant lot	
A Min			
Admin .			

TEAM MEMBERS: DA/ML

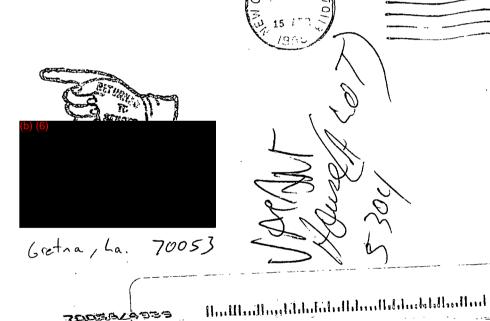
05-1790-540

Westbank Asbertos Removal Project

U.S. EPA

2150 Westbank Expressing (Trailer in rear)

Hervey, La 70058



1 31 W 45 .

Tracking Number	791	
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#### FIELD DATA SHEET 1

Occupant:	Interviewee:
Address: across street from (6) (6)	vacant lot
Phone No.: Address (6) (6)	
Owner Name, Address, and Phone No. if Different Than	Occupant:
	•
lite Description:	
Description of property (circle): single home; dup vacant house; vacant lot; other	uplex; business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; garesolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): new septic tank; other	no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no If yes, note on site sketch. How deep?	
Site Sketch:	Debris scattered  Debris scattered  Acm  Piece  SACM  SACM
Estimated Volume of ACM:	
Comments: vacant lot, along right 1	hand side of the property is a itered with pieces of Acm.
Date/Time of Interview: Submitted by Quality	1-14-98 Access Granted (circle): yes; no
- 1 1 1 1 2 2 2 2	1050 05 1701 510

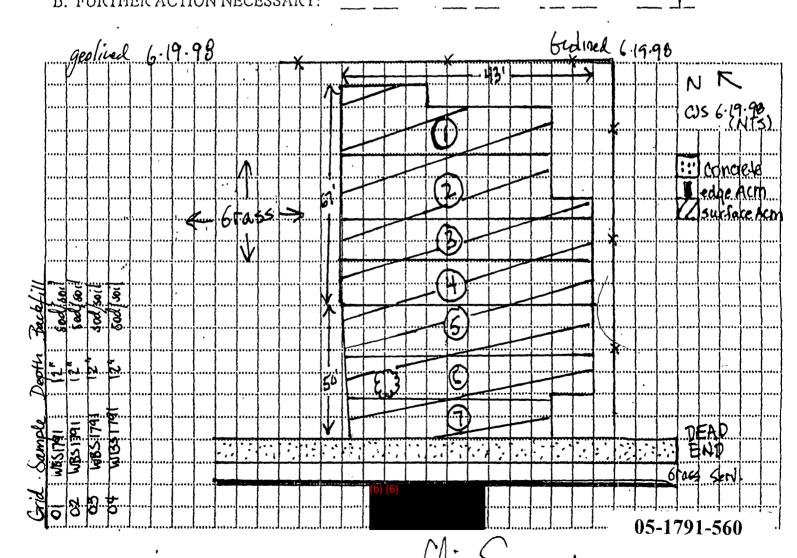
# SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	·	•	•	110 - 1 L L AT	
SITE#	1791		ADDIWSS:	VACANT LOT. (6) (6) Across From	
	•			Gretua L	a

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON NO ANALYSIS 45 A 6-19-90

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:  $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$   $\sqrt{\cancel{}}$  B. FURTHER ACTION NECESSARY:

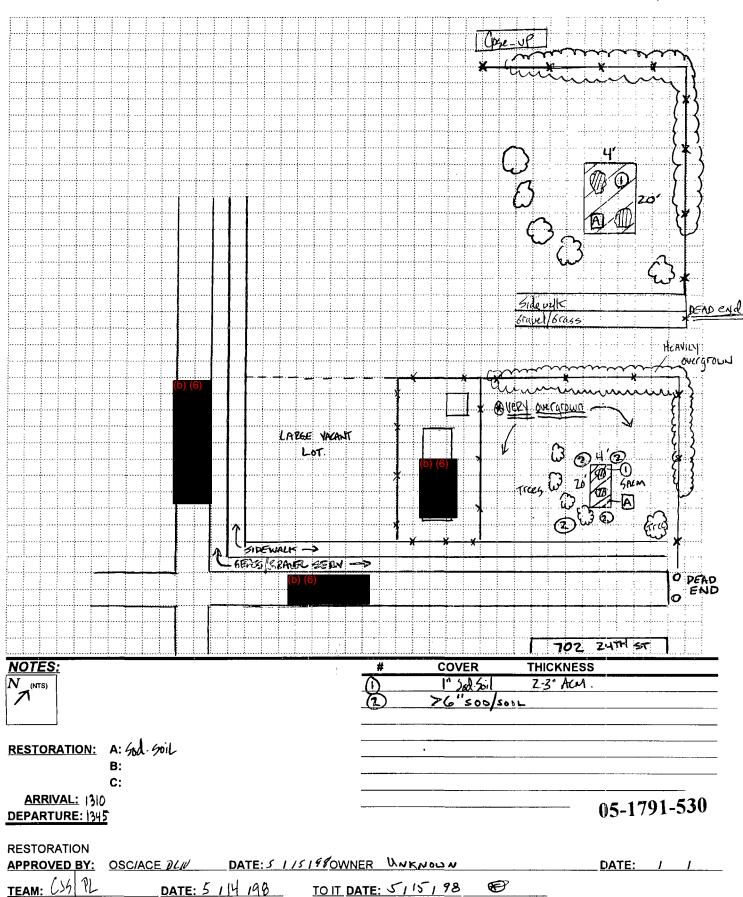


AUTHORIZED EPA/START REPRESENTATIVE

012554

From (b) (6)

UPDATED: 5/14/98

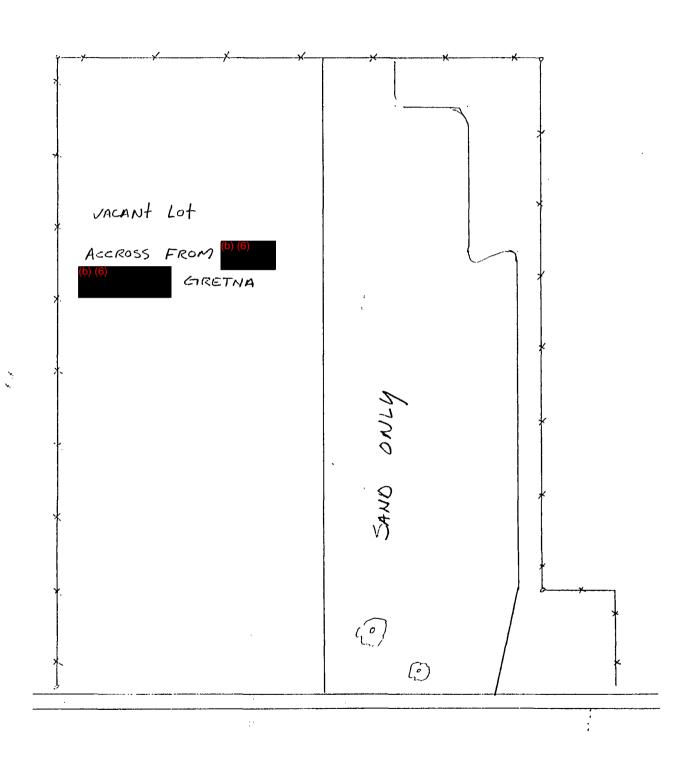


012555



"苦"。到2000年1777年1786年

ВуРМ	_Date_ <u>6-/9-98</u>	_Subject_	RESTORATION	SITE	#	1791	Sheet No	of
Chkd By	Date						Proi No	



05-1791-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTOR	ATION FORI	VI
SITE#	1791	

	DATE	DATE	DATE	DATE			
-				<del></del>	EST.	ACTUAL	ACT
Г					QTY.	QTY.	COM
ock Installation (sq.yds.)							ļ
od Installation (sq.yds.)							
' Concrete Installation (sq. yds.)							
' Concrete Installation (sq. yds.)				-1			
and Installation (sq.yds.)					605.00		
ower Lift Sand							
ock, Brown (cu.yds.)							
ock, Gray (cu.yds.)						\$	
and (cu.yds.)					250.⁰⁰		_
oncrete (cu.yds.)		ŗ					
lastic Edging (ft.)							
/alkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)					, , , , , , , , , , , , , , , , , , ,		
XTRA							
	Site Ske	tch on B	ack of Pa	age		,	
OM!/IENTS:							
		<del></del>	<del></del>		0.5.1	791-590	· · · · · · · · · · · · · · · · · · ·

6230 Er Filk St., Salte 152

Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-580

Attn.: Chris Samsome **Ecology & Environment** 11550 New Castle Avenue Suite 250

Tuesday, June 23, 1998

Ref Number: IN982031

Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			\$AMPLE	<u>ASBESTOS</u>		BESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBROUS
WBS417G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolite		60% Quartz 40% Other
WBS417G02		Brown Non-Fibrous Homogensous	Crushed	< 1% Chrysotile < 1% Crocidolite		60% Quartz 40% Other
WBS417G03		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysatile < 1% Cracidalite		45% Quartz 53% Other
WBS1791G01		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysottle < 1% Crocidolite		40% Quartz 58% Other
WBS1791G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1791G03		Brown Non-Fibrous Homogeneous	Crushed	None Datacted		20% Quartz 80% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

lane Wasllewski Analyst

Approved Signatory

Disclaiment: PLM has been known to miss aspostos in a small parcentage of samples which contain sebectos. Thus negative quaranteed. Samples reported as 41% or none detected should be tosted with either SEM or TEM. The above test report is tested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the clicandorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logic must contain to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layers.

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200158-0, )

05-1791-570



6330 E. 75th St., Suite 152

Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

Attn.: Chris Samsome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Tuesday, June 23, 1998

Ref Number: IN982031



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	NONASHESTOS % FIBROUS %	NONFEROUS
WBS417G04	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile <:1% Crocidolite	75	% Quartz % Other
WB\$417G05		Brown Non-Fibrous Homogeneous	Crushed .	None Detected		% Quartz % Other
WBS1791G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile.		% Quartz % Other
WBS1791G06		Brown Non-Fibrous Homogeneous	Crushed	None Detected		% Quartz % Other
WBS1791G07		Brown Non-Fibrous Homogeneoue	Crushed	None Detected		6 Quartz 6 Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

NY samples also analyzed by ELAP 198-1 Method

Jane Watilewski Analyst Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain expectos. Thus negative I be guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report relatested. This report may only be reproduced in part with written approval by EMSL. The above test must not be used by the client endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain a to be valid. Laboratory is not responsible for the accuracy of maintain when requested to physically separate and analyze layered such

Analysis performed by EMSL indianapolis (NVLAP Air and Bulk #200188-0, )

05-1791-570



6330 E. 75th St., Suite 152 Indiananolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 570-5894

Attn.: Chris Samsome **Ecology & Environment** 11550 New Castle Avenue Stalte 250 Baton Rouge, LA 70816

Tuesday, June 23, 1998

Ref Number: IN982031



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	ASRESTOS	NONASE	ESTOS
SAMPLE	LOCATION	<b>APPEARANCE</b>	TREATMENT	% <i>TYPE</i>	% FIBROUS	% NONFIBROUS
(VBS1791G04)	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1699G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		25% Quartz 75% Other
WBS1699G02		Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1699G03		Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WBS1699G04		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile		60% Quartz 40% Other
WBS1699G05		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlie		60% Quartz 40% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Îane Wasilewski Analyst

Approved Signatory

Disclaimens: PLM has been known to miss astrestos in a small percentage of semples which contain astrestos. Thus negative be guaranteed. Samples reported as <1% or none detacted should be tested with either SEM or TEM. The above test report related. This report may only be reproduced in part with written approved by EMSI. The above test must not be used by the other endorsament by NVLAP nor any agency of the United States Covernment. All "NVLAP" reports with NVLAP logo must contain to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered

Analysis performed by EMSL indianapolis (NVLAP Air and Bulk #200188-0, )

05-1791-570



# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

		05-1791-540
James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James James		water les
SKETCH OR COMMENTS:		
PERCENT OF AREA (ACM)		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
APPR. CRAWL SPACE HEIGHT:	NA	<del></del>
ACM LOCATED BENEATH:	HOUSE	
DATE: <u>9/2/98</u> SITE#: 179/		(b) (6) ADDRESS:
		•

012561

TEAM MEMBERS:

4-15-98 drop of access (give to (b) (6)

Tracking Number 1792

#### FIELD DATA SHEET 1

Site Information:
Occupant: Vacant House Interviewee:
Address: Gretna
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (c)
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Estimated Volume of ACM:  Comments: SACM to left of Stairs.
Date/Time of Interview: Submitted by Quality 1-14-98 Access Granted (circle): (yes;) no
Team Members: A(_   T ) 05-1792-510

Tracking #: 1792

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:		
Property Address: 30653 State/Zip: LA. 70653	Phone Number(s) (6)	Home
		WORK

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

4/16/98 DATE (b) (6)
SIGNATURE

TRACKING # 1792

SITE SKETCH

ADI

DRESS:	(b) (6)		

	UPDATED:/_/
1 O GRYD	
NEXT :	<b></b>
property 1:1 0	
(b) (6)	
4 SAN	\(\pi_\pi_\pi_\pi_\pi_\pi_\pi_\pi_\pi_\pi_
1 / / / / / / / / / / / / / / / / / / /	<del></del>
(D) 53FW (D)	
in Cald	
Sikue Cikue	
Sidewalk ==	
· L + Drain	
(b) (6)	2 To 1
NOTES:	# COVER THICKNESS
N (NTS)	0
	(2) 1"grass 3"-4" (3) 0"SACM 3-"4"
	U DA(M) 2 7
RESTORATION: A: SOLUSOD B:	07 1800
C:	05-1792-530
ARRIVAL: 1300 DEPARTURE: 1330	
RESTORATION APPROVED BY: OSCIACE NW DATE; 4 I 28149OWNE	(plone) DATE: 4,27,9
TEAM: KJ/CVM DATE: 4127198 TOIT DA	TE: 41271 98

012564

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#_1792	ADDRESS:_	
	<u>G</u> i	retra, LA
	TS FOR THE ABOVE REFERENCED EPA START TEAM ON MO analysi	
BASED ON AN EVALUATION OF ACTION:	THE ANALYTICAL DATA, WE RE	
A. PROCEED WITH RESTORATI		· 
B: FURTHER ACTION NECESSAI	EY:	
GEOLINED: 5-19-98 (NO	visible ACM on surface.)	
Ocal Samplet Depun Backli MARIA		N-> 5-M-98
Oursting for 72" sod soil your		Mun NTS
	harse .	
	(1)	
		(20
	1	oracke
	1 Z7"A	Maria
	(next property) 31, where	wele -
	0.00	
	sidewalk Brdi	
	(b) (6)	aun:
AUTHORIZED EPA/START REPR	ESENTATIVE (M. SIMIL	05-1792-560
	012565	

2110102894

# EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax: (317) 570-5894 EMSL

P. 02

Attn.: Chris Samsome

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Thursday, May 21, 1998

Ref Number: IN981597

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

SAMPLE	LOÇATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	%	NONASBE FIBROUS	NONFIBROUS	1
WBS1757G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile   < 1% Crocidolite		,	Quartz Other	
WBS1792G01		Brown ; Non-Fibrous ¹ Homogeneoús	Crushed	< 1% Chrysotile ; < 1% Crocidolite :			Quartz Other	
WB\$1828G01		Brown Non-Fibrous Homogeneous	Crushed .	< 1% Chrysotlle			Quartz Other	
WBS1828G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			Quartz Other	
		<u> </u>					 ,	ľ

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyz by ELAP 198-1 Method

Jar Wasile vski Analysi Approved Signatory

isolatimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negath gueranteed, Floor tiles and wipss should be tested with either SEM or TEM. The above test report relates only to the iter by only be reproduced in full with written approved by EMSL. The above test must not be used by the cliant to daim produced nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one si aboratory is not responsible for the accuracy of results when requested to physically expanses and analyze layered samples by the climber of the CMLAP approximation of the DMLAP approximation of the DMLAP approximation of the CMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation of the DMLAP approximation

05-1792-570



Ву	PM	Date_5-19-98	_Subject_	RESTORATION	SITE #	!! 1797_ She	et No	_of
Chkd.	Ву	_Date	:	· ····		Proj	. No	<del></del>

#1986 SoD SAND GRETNA 5AND 40⁰ SIDEWALK

05-1792-590

#### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUP ? SIGNATUPE

RESTORATION FORM					
SITE#	1792				

•	•••						
	DATE	DATE	DATE	DATE	;		
1	1:	_,,,,			EST.	ACTUAL	ACT.
•				<del></del> :	QTY.	QTY.	COMP.
				1	•		T
Rock Installation (sq.yds.)					·		<u> </u>
Sod Installation (sq.yds.)				1	47.52		
6" Concrete Installation (sq. yds.)	• •						
4" Concrete Installation (sq. yds.)	÷ .				,		
Sand Installation (sq.yds.)	<u>.</u> :				47,50		
Lower Lift Sand		·			<del></del>		
Rock, Brown (cu.yds.)	·;						
Rock, Gray (cu.yds.)	÷.						
Sand (cu.yds.)	<u>.</u>				22.00	\	
Concrete (cu.yds.)	ļ. :.s						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				j.			
EXTRA	71						
;	Site Ske	tch on E	Back of F	Page ·			;
COMMENTS:			•				
	:						
				:	05-1	792-590	
IT REPRESENTATIVE SIGNATU	IRE -			<u> </u>			
SUB 1 SIGNATURE	•	-s, 14 - i	0568	:		•	

# WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE#: 1792		ADDRESS:	(b) (6) (retry, 1
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	<del></del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			
Mo A. cm			

TEAM MEMBERS:

MTL/PLL

05-1792-540

#### FIELD DATA SHEET 1

Site Information:	
Occupant: (5) (6)	Interviewee:
Address:	etna
Phone No.:	son of owner
Owner Name, Address, and Phone No. if Different Than Occupy	anf'
Site Description:	
Description of property (circle): single home; duplex;     vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; corresolution:	logs; other
3) Underground utilities installed by owner? (circle): no; we septic tank; other  Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; dor If yes, note on site sketch. How deep?	ı't know
Site Sketch:  Acriver X  Acriver X	House
Estimated Volume of ACM:	
Comments: SACM in the driveway	
Date/Time of Interview: Submitted by quality 1-14-	98 Access Granted (circle): yes; no
Team Members: AL IIW	05-1793-510

Tracking #: 1793

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

<b>←</b> (D) (	(6)	
Property Owner's Name		
Property Address: (6) (6)		Gretno
State/Zip:	Phone Number(s) ^{(b) (6)}	
,		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

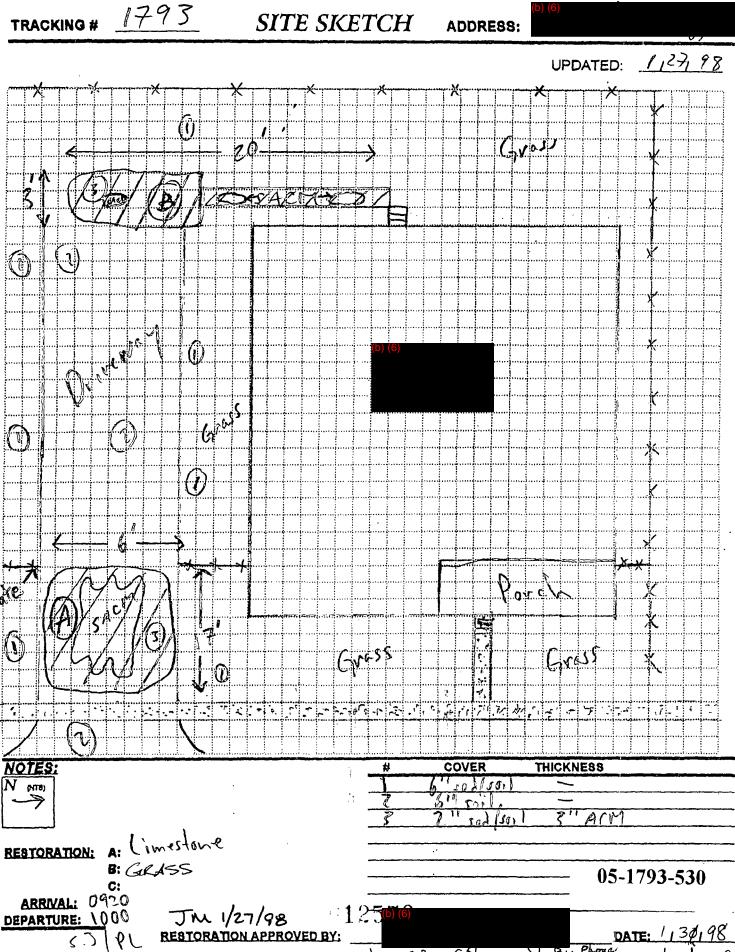
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/17/98 DATE





DATE: 130198

By Phone
TT 1/30/98 900 mare. 1 , 17, 98

#### WESTBANK ACM RUMO VAL PROJECT SAMPLE ANALYSIS CONFIRMATION HERDA START TRAM

		ODELY STAKT TEVIL	1 1	•	1
FYI:			;	•	
SITE#	1773	ADDRESS: (b) (6)	,		
	11(3	Gretna, LA		,	
WERE E	VALUAT.	ALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WER ED BY THE USEPA START TEAM ON <b>NO ANALYTICAL ASO</b>	3-3	30-98	nun
BASED ACTION		VALUATION OF THE ANALYTICAL DATA, WE RECOMMEND	THE	FOLLOV	YING
		GRID#: 1 2 3 4 5 6	7	8	
A. PRO	CEED WIT	TH RESTORATION: $\bigvee$ $\bigvee$ $\bigvee$ .			
B. FUR	THER AC	TION NECESSARY:		<b>~</b>	1 8
	<b>3</b> -			1	,
-	3			Ν -	<del>&gt;</del>
1.1.2	i de de			3/28/	98 ' (NTS).
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Sod	XIII	2 3 0 =		Con Ledge	Acm
	7		<b>.</b>	1/2 surs	ace Ach
642	ē	51			
		Gretna	\   		
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2 Z Z	Searr)				
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			J U	J-1/ <b>7J</b>	-300

12573 AUTHORIZED EPA/START REPRESENTATIVE Deline DePulma

## EMSL Analytical, Inc.

Baton Rouge, LA 70816

Suite 250

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma
Ecology & Environment

11550 New Castle Avenue

152 0 0x (317) 570-5894 Wednesday, April 01, 1998

Ref Number: IN98886

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASSESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASSESTOS % TY		NONASBERTOS FIBROUS %	NONFIBROUS
WB\$1480G08	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Date	ected		Quartz Other
WBS1480G09		Brown Non-Fibrous Homogeneous	Grushed	None Deb	ected		Other
WB\$1480G10		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crocidolik			Quartz Other
WB\$1793G01		Brown Non-Fibrous Hornogeneous	Crushed	1% Chrysotile 1% Crockfolk			Quartz Other
WB\$1793G02	!	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysatike < 1% Crocidelit	:		Quartz Other

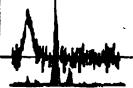
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Margaret Phillips
Analyst

Approved
Signatory

05-1793-570



Disclainiers. PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus inspetive be guaranteed. Plnor tiles and wipes should be tented with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSt. The above test must not be used by the client to darm product NVLAP nor any agency of the United Status Government. All "NVLAP" reports with NVLAP logo must contain at least one signature in the interportable for the accurately of results when requested to physically accesses and analyze layered samples. Acclusive neutronal by EMSt. of Instrumentia (NVLAP air and Suit 1900) file.

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

-5894 EMSL

Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Wednesday, April 01, 1998

Ref Number: IN98886

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 800/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

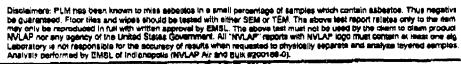
Sample	LOCATION	APPEARANCE	Sample Treatment	<u>asrestos</u> % type	%	NONASBESTO: FIBROUS %	i Nonfibrous
WB51793G03	o) (6)	Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile < 1% Crocidolite			% Quartz % Other
WB81793G04		Brown Non-Fibrous Homogeneous	Crushed	5% Chrysotile 2% Crockolite			% Quartz % Other
WBS1884G01		Brown Non-Fibrous Homogeneous	Crushed	1% Chrysottle 1% Crocidolite			% Quartz % Other
.WBS1884G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile			1% Quartz 1% Other
WB\$1884G03		Brown Non-Fibrous Homogensous	Crushed	2% Chrysotile < 1% Crooksolite			1% Quartz 1% Other
WB81480G07		Brown Non-Fibrous Homogeneous	Crushed	None Detected			3% Quartz 3% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Margaret Phillips
Analyst

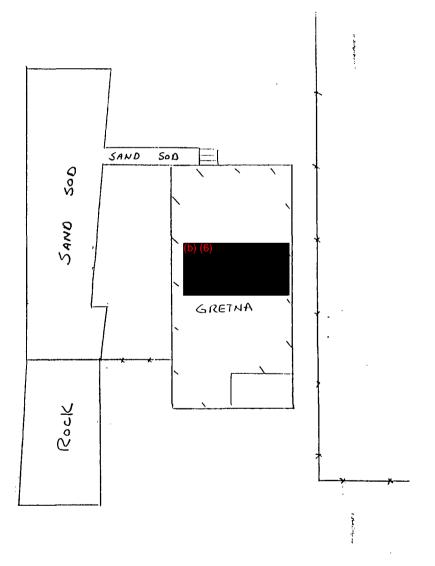
Approved Signatory

05-1793-570



^{*} NY samples also analyzed by ELAP 198-1 Method





05-1793-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RES	TO	RA	TIO	N'	FO	RN	1
,,_,	, ,	, , ,	110				z

SITE# 1793

	DATE	DATE	DATE	DATE	•		
•					EST. QTY.	ACTUAL QTY.	ACT.
				}	·		
ock Installation (sq.yds.)					51.°°		-
od Installation (sq.yds.)					114.50		ļ
" Concrete Installation (sq. yds.)					· ·		
" Concrete Installation (sq. yds.)							
and Installation (sq.yds.)					114.50		
ower Lift Sand							
ock, Brown (cu.yds.)		٠,					
lock, Gray (cu.yds.)	,	 			18.50		
and (cu.yds.)					60.00		
oncrete (cu.yds.)							
lastic Edging (ft.)							
Valkway Rock Inst. (sq.yds.)							
opsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on E	Back of F	Page			
COMMENTS:			<del></del>	•			
			······	•			
<u> </u>						<del></del>	
IT REPRESENTATIVE SIGNATU	IRE		•		05-1	793-590	
SUB 1 SIGNATURE	, , , ,		<del></del>				

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/95 SITE#: 1793		ADDRESS:	(6)	
ACM LOCATED BENEATH:	HOUSE			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)	**************************************	=		
SKETCH OR COMMENTS:				
No Acro				
TEAM MEN	MBERS: MTL/	PLL	05	-1793-540

012578

Tracking Number 1794

#### FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: SW Corner of (6) (6)	Crepra? WW?
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occup	ant:
Site Description:	
Description of property (circle): single home; duplex; vacant house; vacant lot; other	business; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; resolution:	logs; other
3) Underground utilities installed by owner? (circle): no; w septic tank; other  Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; dor If yes, note on site sketch. How deep?	n't know
Site Sketch:	(b) (6)
	*
	(6) (6)
	Sexural (6) (6)
	* Caper
	(FREES)
	<b>b</b> (6)
	Debris pula with
Estimated Volume of ACM:	1cm pieces
Comments: large pieces of A CIM Next 1	o stop sign + Smatter pieces
throughout the servitude.	Acm pieces on 20 st side
Date/Time of Interview: Submitted by Quality 1-14	Access Granted (circle): yes; no
Team Members: (3D / 5) 1/20 / 95	//30 05 1704 510

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggie Lin **Ecology & Environment** 

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Wednesday, May 27, 1998

Ref Number: IN981662

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: WESTBANK ASBESTOS REMOVAL

SAMPLE	LOCATION	APPEARANCE	Sample Taratmeny	<u>Assestos</u> % Type	*	NONASRESTOS FIBROUS % NONFIBRO
VB81794G01	(b) (6)	irown ion-Fibrous fornogéneous	Crushed	< 1% Chrysattle		60% Quartz 40% Other
/BB 934G01		frown Ion-Fibrous Iomogeneous	Crusted	2% Chrysotile < 1% Crookfolite		48% Quartz 53% Other
VB\$1934G02		srown ton-Pitrous tomogeneous	Crushed	2% Chrysotile < 1% Croaldolits		45% Quartz 53% Other
VB81902G01		Irown ton-Filtous Homogeneous	Crushed	3% Chrysotile		40% Quartz 57% Other
			,			

Also, "W of Layers" (

lane Wasilews Analyst

Approved Signatory

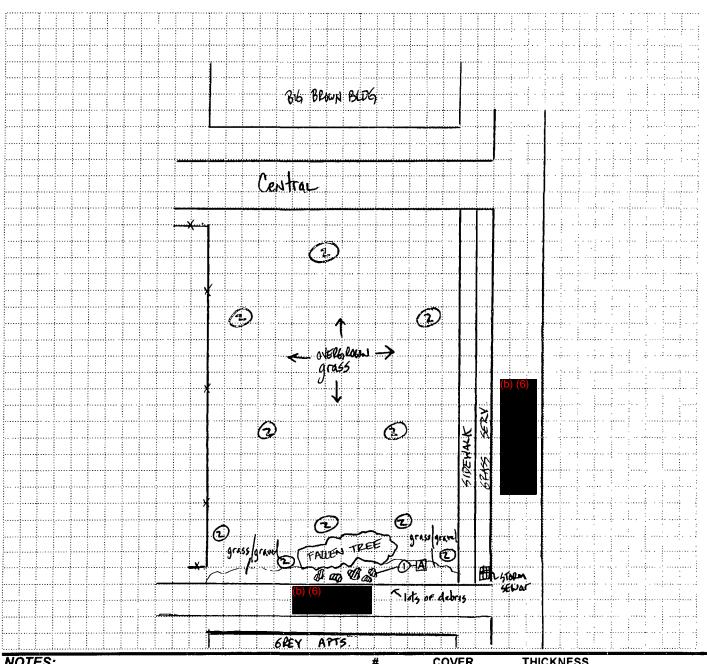
y many written approval by SRESL. The above test must not be used by the offent to deim provi y manny of the United States Government. At "NVLAP" reports with NVLAP logo must contain at least one ( sof responsible for the accuracy of results when requested to physically separate and energies tayaned sample mind by SMSL of initianopolity (NVLAP Air and Bulk MODDISS-O).

05-1794-570

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

REST	ORATION FORM
SITE#	1794

	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)				• • :			
Sod Installation (sq.yds.)	·: ·:						
6" Concrete Installation (sq. yds.)	V : :						
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)	·t.						
Lower Lift Sand				ļ			
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)	·						
Sand (cu.yds.)				·			
Concrete (cu.yds.)	,						
Plastic Edging (ft.)	;			i			
Walkway Rock Inst. (sq.yds.)	į			7/1			
Topsoil (cu.yds.)				,			
EXTRA	;. ;						
COMMENTS: No Restora	Site Sket		ack of P	age			
				: :			
IT REPRESENTATIVE SIGNATUR	RE			\$44 	0	)5-1794-59	0
SUB 1 SIGNATURE	,			· .			
SUB 2 SIGNATURE							•



IOTES:	# COVER THICKNESS
(NTS)	O" CHUNKS SURFACE ACM
7	2 >"6 GRASS
ESTORATION: A: H. RESTORATION NEEDED; SALM ONLY	
STORATION: A: HI RESTORATION NECESTAL SALAY ONLY	
<b>B:</b>	
C:	
ARRIVAL: 1100	
EPARTURE: 135	05-1794-530

APPROVED BY: OSCIACE DELL DATE: \$ 1 15 189 OWNER UNK NOWN DATE: /

DATE: 5 /14 /98 1011 **date:** 51151 98

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	•	vò Ca	unt lot west of (b)	) (6)
SITE# <u>1794</u>		ADDRESS: betu	Jeen (b) (6)	
	•	Gre	tna, LA	
man of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state o		·		
THE SAMPLE ANALYSIS RESULT WERE EVALUATED BY THE USE			SITE WERE REC	LEIVED AND
BASED ON AN EVALUATION OF	THE ANALVTIC	AI DATA WERE	COMMEND THE	FOLLOWING:
ACTION:	•			
GRID#		3 4 1 5	5 6 7	8 .
A. PROCEED WITH RESTORATION	N: <u>*</u>			<del></del>
B: FURTHER ACTION NECESSAF	Y:	. <u> </u>		
GEOLINED: (not geolined)	* Restoration	nat necessarii		
				N & 1
Grid Somple ID depub Back GIV				5-22-98
O WBSM9460N/A N/A				Mun NTS
		Centr	al	
				::,
		1	<b>Y</b>	(b) (6)
		overa	mwn ->	
		gr	uses	
			}	4
			<b>V</b>	3
				de
		Fallen H	nee	
			>,2'x3'	
		0 0	£	
		(b) (6)	69	
•	<u>`</u>	D	05-1	794-560
AUTHORIZED EPA/START REPR	ESENTATIVE	(agreom:		
	61	2583		

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9(24)48  SITE #: 1794	ADDRESS: Not on (b) (6)  between (b) (6)  Ave GPETNA
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NO REM	lacant 184
	1BERS: 45 05-1794-540

Tracking Number	1795

#### FIELD DATA SHEET 1

Site Information:
Occupant: Interviewee:
Address (6) (6)
Phone No.:
Owner Name, Address, and Phone No. if Different Than Occupant: (b) (6) (lives next door)
Site Description:
1) Description of property (circle) single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other  resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Concrete  Gray  Oxford  Took  (b) (6)
Estimated Volume of ACM:
Comments: SACM along the righthand side of the house
Date/Time of Interview: Submitted by Quality 1-1498 Access Granted (circle); yes; no
Team Members: ALIJU 05-1795-510

Tracking #: 17-95

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	0)	
Property Owner's Name		
Property Address:	N .	
State/Zip:	Phone Number(s)	
•	(,)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1-15-98 DATE

SIGNATURE

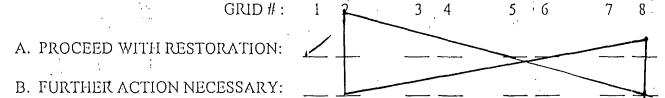
SITE SKETCH ADDRESS: (b) (6) UPDATED: 1 127,98 SHED GRASS sewer  $(\mathfrak{p})$ GRAVEL RU PARKINE . PAD GRASS GRASS SIDEWALK 1111 GRASS Notes: ····COVER THICKNE88 6" 502 |5011 N (erre) 3" SACM RESTORATION: A: Limestone 05-1795-530 DEPARTURE: 0 915 コル リンナイタの
RESTORATION APPROVED BY: DATE: 1,28, 98 (PATE:53-727/98 TO IT 1/28/98 980 TEAM:

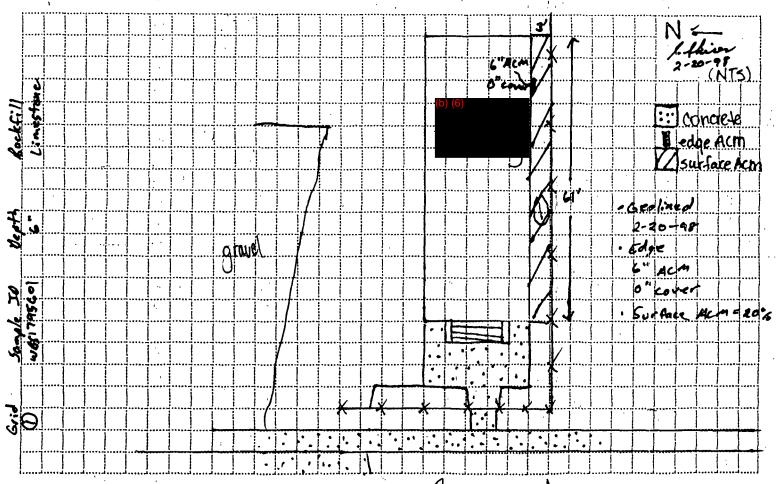
#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:	•	;			
SITE#	1795	-	ADDRESS:	(b) (6)	
_					J

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 2/25/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:





AUTHORIZED EPA/START REPRESENTATIVE

Thegory Roby

05-1795-560

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EMSL

Attn.: Jody Shires

Ecology & Environment 11550 New Castle Avenue

Sulte 250

Baton Rouge, LA 70816

Tuesday, February 24, 1998

Ref Number: 1N98502

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

		SAMPLE	<u>ASBESTOS</u>	NONASE	ESTOS
SAMPLE LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBROU
WBS1785G01 (6)	Brown	Crushed	5% Chrysotile		75% Quartz
	Non-Fibrous	1	!	; [	20% Other
	Homogeneous	ı	1		Con Office
			l		
WBS1652G01	Brown	Crushed	2% Chrysotile		77% Quartz
	Non-Fibrous		1% Crocidolite		20% Other
	Homogeneous	1	1 / Siociating		20% Other
•	* ****	1			
WB\$1652G02	Brown	:Crushed	< 1% Chrysotile		80% Quartz
	Non-Fibrous		< 1% Crocidolite		
	Homogeneous		j		20% Other
recommenda of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of		· · · · · · · · · · · · · · · · · · ·		<u></u>	
VB\$1652G03	Brown	:Crushed	< 1% Chrysotile	,,,,	80% Quartz
	Non-Fibrous	1	< 1% Crocidolite	1	20% Other
	Homogeneous	•	1		2076 Other
				. ,	
B\$1833G01	Brown	Crushed	< 1% Crocidolite	· 1	80% Quantz
	; Non-Fibrous				20% Other
	Homogeneous			; !	
BS1833G02	Brown	Crushed	2% Chrysotile		78% Quartz
	Non-Fibrous		-	•	20% Other
:	Homogeneous			İ	TO A OTHER

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number of saparable subsamples.

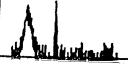
* NY samples also analyzed by ELAP 198-1 Method

Note: SAMPLES WITH ** HAVE NO MASTIC

Margaret Phillips
Analyst

Approved Signatory

05-1795-570



Disclemens: PLM has been known to miss asbeatos in a small percannage of semples which contain esbeatos. Thus negating be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the iter may only be reproduced in full with written approved by EMSC. The above test must not be used by the client to claim productly nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one a Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSC of Indianapolis (NVLAP) Air and Bulk #200188-0)



Ву	PM	_Date <i>2-27-98</i>	_Subject.	RESTORATION	site#	1795	Sheet No	of
Chkd	i. By	_Date					Proj. No	

ROCK GRETNA

05-1795-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 2 SIGNATURE

RESTORATION FORM	R	ES	TO	RA	4 T	101	V	FO	RI	V	Ì
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SITE # 1795

	DATE	DATE	DATE	DATE			
		-		·	EST.	ACTUAL	ACT.
		<del>-</del>			QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					15. ⁵²		
Sod Installation (sq.yds.)					<del></del>		
6" Concrete Installation (sq. yds.)		****					
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					<del></del>		ļ .
Lower Lift Sand					·		
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					3.50		
Sand (cu.yds.)					•		
Concrete (cu.yds.)							
Plastic Edging (ft.)							· · · · · · · · · · · · · · · · · · ·
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA						<u> </u>	
	Site Ske	etch on E	ack of P	age		•	
COMMENTS:		<del></del>	·- · · · · · · · · · · · · · · · · · ·				
						1	<del></del>
	<u></u>	<del></del>			05-1	795-590	
IT REPRESENTATIVE SIGNATU	RE	·					-
SUB 1 SIGNATURE							•

012591

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8/28/98 SITE #: 1795	ADDF	RESS: (b) (6)
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		
KETCH OR COMMENTS:		
No Acm		
TEAM MEMB	RS: MTL/PLL	05-1795-540

012592

Tracking Number 17496

#### FIELD DATA SHEET 1

Site Information:	(b) (C)
Occupant: Interview	wee:
Address: (b) (6)	
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	
Same	
Site Description:	
Description of property (circle): single home; duplex; business; s     vacant house; vacant lot; other	school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; dogs; other resolution:	
3) Underground utilities installed by owner? (circle): no; water; gas; septic tank; other  Note location on site sketch.	electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch:  House  Corport  X  X	onerete (b) (6)
Estimated Volume of ACM:	
comments: SACM in front of the driveway	
Owner says ACM in servitude is the	e only beation
Date/Time of Interview: Submitted by Quality 1-14-98 Access C	Franted (circle): (yes:) no
Team Members: GD / SJ - 1/19/98 16	<i>\$5</i> 05-1796-510

Tracking	#:	796	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)				
Property Owner's	Nam (b) (c)				
Property Address:	(b) (b)		- (1-)	Sont	na
State/Zip: LA	70058	Phone Number	(s)	(6)	
*					

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

//19/98 DATE



(b) (6)

UPDATED: 1128198 CARPORT GARDEN NOTES: Needs access through

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N **THICKNESS** 05-1796-530 C: ARRIVAL: ወ ግ ወ DEPARTURE: ወ ሳ ንዕ DATE: 1,29,94 **RESTORATION APPROVED BY:** TO IT 1/29/98 DATE: 1 124 1 012595

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		b) (6)	
SITE# <u>1796</u>	ADDRESS:	gretna, Li	A
THE SAMPLE ANALYSIS RESULT WERE EVALUATED BY THE USE			
BASED ON AN EVALUATION OF ACTION:  GRID#		RECOMMEND T	HE FOLLOWING
A. PROCEED WITH RESTORATION			· · · · · · · · · · · · · · · · · · ·
B: FURTHER ACTION NECESSAR	Y:		
GEOLINED: 5/9/98			N <del>&gt;</del>
200 C	(b) (6) #QUSE		ARillera 5-9-98 NTS
	\$ #1769		
Backfull (Area			
<b>4</b> .	A		
D.C.	1 R R R R R R R R R R R R R R R R R R R		
G S S S S S S S S S S S S S S S S S S S	EN		
NBS1796901	R- DEN		
6"cover	0 ->12'x5'		
	(b) (6)		)5-1796-560



By PM Date 5-9-98 Subject Asstoration Site # 1796 Sheet No. of

Chkd. By_____ Proj. No.

ROCIL

05-1796-590

# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

RESTORAT	TION.	FOR.	M
1			

SITE#	1796

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock installation (sq.yds.)				,	B.50		
	:						
Sod Installation (sq.yds.)					<del> </del>	<u> </u>	-
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)						,	
Sand Installation (sq.yds.)	· i						!
Lower Lift Sand							,
Rock, Brown (cu.yds.)	,						
Rock, Gray (cu.yds.)	:				3.50		
Sand (cu.yds.)	:						
Concrete (cu.yds.)	,						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA .			<u> </u>				
	Site Ske	tch on B	ack of F	Page			· ·
COMMENTS:	<u> </u>			'	\		· 
	<b>;</b> ;						
	:			1			
IT REPRESENTATIVE SIGNATUR	RE	,		.!	05	-1796-590	
SUB 1 SIGNATURE	i			• ,		j	<del></del>
	012598						

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Alma Rillera

Ecology & Environment

11550 New Castle Avenue

Wednesday, May 13, 1998

Ref Number: IN981458

11550 New Castle Aveni Suite 250 Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1 - WESTBANK ASBESTOS

•	1	<i>i</i> •	SAMPLE	<u>ASBESTOS</u>		NONASBESTO	<u>ş</u>
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	%	FIBROUS %	NONFIBROUS
WBS1782G01	(b) (6)	Brown	Crushed	< 1% Chrysotile	, "	2:	5% Quartz
		Non-Fibrous		,		7:	5% Other
•		Homogeneous					!
		'J	1				. }
WBS1917G01		Brown	Crushed	< 1% Chrysotile		2:	5% Quartz
		Non-Fibrous		< 1% Crocidolite	}	7:	5% Other
		Homogeneous		,			
		<del></del>					
WB\$1796G01		Brown	Crushed	< 1% Chrysotile			5% Quartz
		Non-Fibrous		< 1% Crockfallts			5% Other
		Homogeneous		,			
				<u> </u>	<del></del>		· - · ·
WBS1965G01		Brown	Crushed	< 1% Chrysotile	į <u></u>	2:	5% Quartz
		Non-Fibrous					5% Other
		Hamageneous					
		<u></u>				., =	
WB\$1831G01		Brown	Crushed	None Detected	1		5% Quartz
		Non-Fibrous	Ciusiieu	140119 Detected	:		5% Other
		Homogeneous		,		, ,	or Other
•							
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	i i	4		•			

Comments: For a obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to sumber of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasllewski Analyst Approved Signatory

It claimers: PLM has been known to miss asbeatos in a small percentage of samples which contain eabestos. Thus negative is susranteed. Floor riles and whose should be tested with either SEM or TEM. The above test report related only to the items by only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim produce if LAP nor way agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign or oratory is not responsible for the acquirecy of results when requested to physically separate and analyze layered samples.

Wyste performed by EMSL of instanapolis (NVLAP Air and Bulk #200188-0)

05-1796-570

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/1/98</u> SITE #: <u>1796</u>		ADDRESS:
ACM LOCATED BENEATH:	HOUSE SHED	
APPR. CRAWL SPACE HEIGHT:		=
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)		=
SKETCH OR COMMENTS:		
Manaum d		regulation and shirting
		05-1796-540

TEAM MEMBERS:

Site Information:

Tracking Number 77977

#### FIELD DATA SHEET 1

Occupant:	Interviewee:
Address:	, Gretna LA 7\$\$53
Phone No.:	
Owner Name, Address, and Phone No. if Di	ifferent Than Occupant:
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	home: duplex; business; school; daycare; church;
Problems accessing yards (circle): lock resolution:	ced gate; gate; dogs; other
3) Underground utilities installed by owner? septic tank; other	(circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circle If yes, note on site sketch. How deep?	e): yes; no; don't know
Site Sketch:	SACM Concrete (b) (6)
Estimated Volume of ACM:	
comments: SACM sidewall i	in front of the tree + between garage
Date/Time of Interview: Submitted by	y Quality 1449 Access Granted (circle) yes; no
Team Members: 1/19/98	16 GD / S) 05-1797-510

#### FIELD DATA SHEET 1

Site Information:			4
Occupant:		Interviewee:	
Address: (b) (6)	, Gretna	LA 7\$\$53	
Phone No.: (b) (6)			1 41
Owner Name, Address, and Phone N	o. if Different Than Occupant:		1
(D) (O)			
Site Description:			i _{ka}
Description of property (circle):     vacant house; vacant lot; other	single home, duplex; bu	siness; school; daycare; c	hurch;
Problems accessing yards (circle): resolution:		s; other	
3) Underground utilities installed by a septic tank; other	owner? (circle): no; water	r; gas; electric; cable TV;	P. Carlotte
4) Is any underground ACM present? If yes, note on site sketch. How de		know	1
Site Sketch:			
	SAC	m) X	
		Concrete	(b) (6)
1/1	House		
' k			0.
		* *	
<del></del>	_XX	* *	<u> </u>
Estimated Volume of ACM:			s
Comments: SACIM sidewall of the fence	K in front of t	he tree & betwee	n garage
	(d) ( ) (a) (u) (u)	Access Granted (similary was:	1 10
Date/Time of Interview: Submitted	, , ,		
Team Members: 1/19/9	18 16PP	GD/S)	05-1797-5

Tracking #: 1797

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Nam		
Property Address: (6) (6)	(ortotal	_
State/Zip:	Phone Number(s) (6)	_
•	· /	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

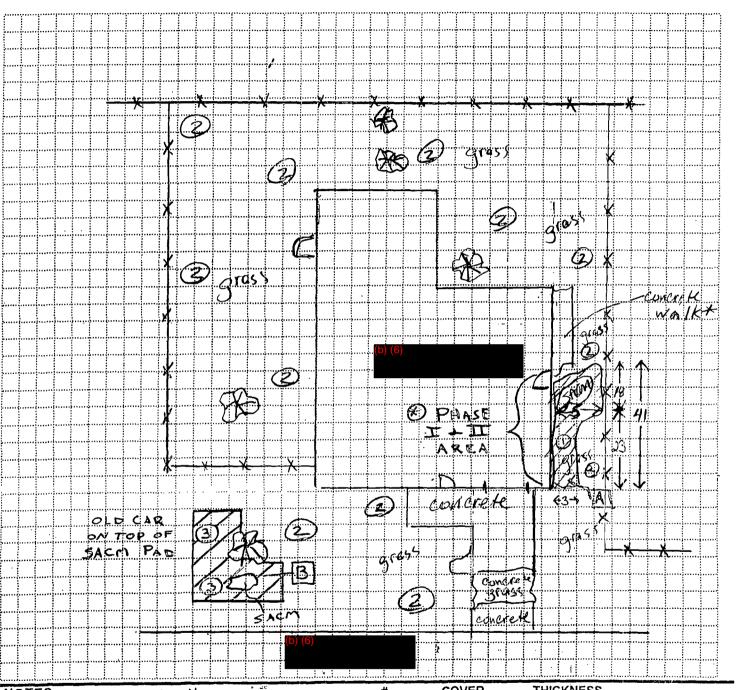
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2/10/98 DATE SIGNATURE

05-1797-520

W UPDATED: <u>5/16/98</u>



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NOTES: ACM was add walkway - may be N (NTB) under current concrete walkt	(D) 3'4" gross kail Z" ACM
distribute contest to marking	(2) + 6" arous + soil
> 3ACM = 20%	3) 2-4" SOO/SOOL 2-3 ACM
	<u>.</u> 10
RESTORATION: (A: sod + soil	
B: 500 + SOIL @	05-1797-530
C:	03-1/9/-530
ARRIVAL: 15 15	
RESTORATION APPROVED BY 26	M/k (0) (6)
RESTORATION APPROVEDIGITED	Mac DAIE. 17 1.7 to
TEAM: CC/SJ - PL/CS DATE:	3/11/98 OTO IT 4/14/98
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#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE#_/797	ADDRES	S: (b) (6)			
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WERE EVALUATED BY THE USE	S FOR THE ABOVE REFERE PA START TEAM ON <u>5.11.</u>	NCED SITE WERE RECEIVED AND			
BASED ON AN EVALUATION OF ACTION:	THE ANALYTICAL DATA, W	E RECOMMEND THE FOLLOWING			
GRID#i	1 2 3 4	5 6 7 8			
A. PROCEED WITH RESTORATION	N:				
B: FURTHER ACTION NECESSAR	Y:				
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## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolie, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

7) 570-5894 (EMS)

Attn.: Alma Rillera
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Monday, May 11, 1998

Ref Number: IN981417

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1

SAMPLE	LOCATION À	APPEARANCE	SAMPLE TREATMENT	ABBRETOR % Type	HQNA % FIBROUS	ARRETOS M NONFIBROUS
WB81893G01	(b) (6)	Brown Non-Fibrous Homageneous	Crushed	None Detected		80% Quertz 20% Other
WB81810Q01		Brown Non-Fibrous Homogeneous	Cruehed	None Detected		80% Quartx 20% Other
WB61810G02		Brown Non-Fibrous Homogeneous	Crushed	2% Chrysotile		78% Quartz 20% Other
WB\$1810G03		Brown Non-Pibrous Homogeneous	Crushed	1% Chrysotile 1% Grodidelite		78% Quartz 20% Other
WB81810304		Brown Non-Pibrous Homogeneous	Crushed	< 1% Crookdolite		80% Quertz 20% Other
WB81797G01		Brown Non-Fibrous Homogeneous	Crushed	1% Chrysotile 2% Crocidelite		77% Quartz 20% Other

Comments: For all obviously heteromoreous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refers to number appareble subsamples.

iY sampide also snalyzed by EL 198-1 Method

Margaret Phillips
Analyst

Approved Signatory

Disclaimed It.M has been known to miss exhastos in a small percentage of samples which centain asbestos. This respective be guaranteed. Piper tipe and wipes should be tested with either SSM or TEM. The shove test report relates only to the form may only be reproduced in full with written approval by SMSL. The above test must not be used by the client to cleam product NVLAP nor any agency of the United States Government. All INVLAP reports with NVLAP logo must contain at least one significancy to not respectable for the assumesty of results when respectate to advisor the analyse layered samples. Analysis performed by SMSL of Indianapolis (NVLAP Air and Bulk #200168-0).

05-1797-570

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (517) 570-5892 Fax: (317) 570-5894

M (EMS

Attn.: Alma Rillera

Ecology & Environment 11550 New Castle Avenue

**Sulte 250** 

Baton Rouge, LA 70816

Monday, May 11, 1998

Ref Number: IN981417

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1

			SAMPLE	ARRI	eros		NONASE	ETOE	- }
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBAIOUS	% NONFIBE	<b>ROU</b>
WB81797G02	0) (6)	Brown	Crushed	1% Ch	ysotile	:		78% Other	- 1
Ι, Τ		Non-Fibrous	İ	1% Cr	oldolite			20% Other	
		Homogeneous		!					-
<del></del>		·		••				-	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, 19 of Layers' refers to number of separatio subsamples.

* NY samples disc analyzed by ELAP 198-1 Method

Magagest Phillips
Analyst

Approved Signatory

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05-1797-570

Disdamen: PLM has been known to mice asbeatos in a small percentage of samples which contain asbeatos. Thus negative be guaranteed, Ploor like and wipes should be tested with either 68M or TEM. The above lest must not be used by the client on the items may drift be reproduced in tull with written approval by EMSL. The above lest must not be used by the client to dearn product NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory to not responsible for the accuracy of requite when requisited to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapole (NVLAP Air and Sulk #200168-0).

#### PLM Analysis Worksheet

Client: Ecology & Environment

Logged: 6/8/98

TAT: 1 Day

Address: 11000 Ne Sulte 250

Address: 11660 New Castle Avenue

Date/Time Due: 5/11/98

9:00 AM

Special Handling

**Billing Number** 

Beton Rouge, LA 70816 Fax: (504) 383 - 4732

IN981417

Project: 020601RAG1

Appearance		Treatment	Asbestos Results	Fibrous	Non-Fibrous		Optical Properties			
nny 7. En 8. Pale 9.	Veriona Black Sliver Blac Orangs	1. Fibrous 2. Non-Fibrous 3. Other	1. Homogeneous 2. Historogeneous 3. Other 4. Layers (#)	1. Tenend   1. Chrysotile   2. Crushad   3. Amosin   4. Aufoid   4. Tenedillo   5. Anticolito   5. Anticolito   6. Crocidolite   0. Now Detected		1. Celhabos 1. Quartx 2. Citats 2. Adian 3. Mán. Wool 3. Gypauth 4. systhesia 4. Cat. Carbonese 5. Other 5. Mastrix 6. Wollantonite 6. Perfilin 7. Hair 7. Ceber			L Wary L maint	inces
Sample		Location	Appearance	Treatment	% ASBESTOS	Fibrous Type %	Non-Fibrous Type %	# Layers	1 Van 2 Land 1 Nov 2 Land 1 Hapt	I. Parella B. Reparella J. Chapter
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Analysts Dete:

2/11/48

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Date:

5/11

MSL Analytips, materials E. 78th St., Suite 162, Indianapolis, IN 46259 2608

05-1797-570



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# WESTBANK ASBESTOS ABATEMENT

RESTORA	TION	FORM
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SITE # __________

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-	;				EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)	ľ			;			
Sod Installation (sq.yds.)	; I				15.5≥		
ी 6" Concrete Installation (sq. yds.)	·						
4" Concrete Installation (sq. yds.)	ļ					,	
Sand Installation (sq.yds.)				-			
Lower Lift Sand	: :						
Rock, Brown (cu.yds.)					· · · · · · · · · · · · · · · · · · ·		
Rock, Gray (cu.yds.)							
Sand (cu.yds.)	t,				4.00		
Concrete (cu.yds.)	:						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)	·					·	
Topsoll (cu.yds.)	;						
EXTRA	<u>;</u>			:			
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SUB 2 SIGNATURE

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:

SITE# 1797-PHASE IL

ADDRESS: 60 (6)

ADDRESS: 60 (a)

7

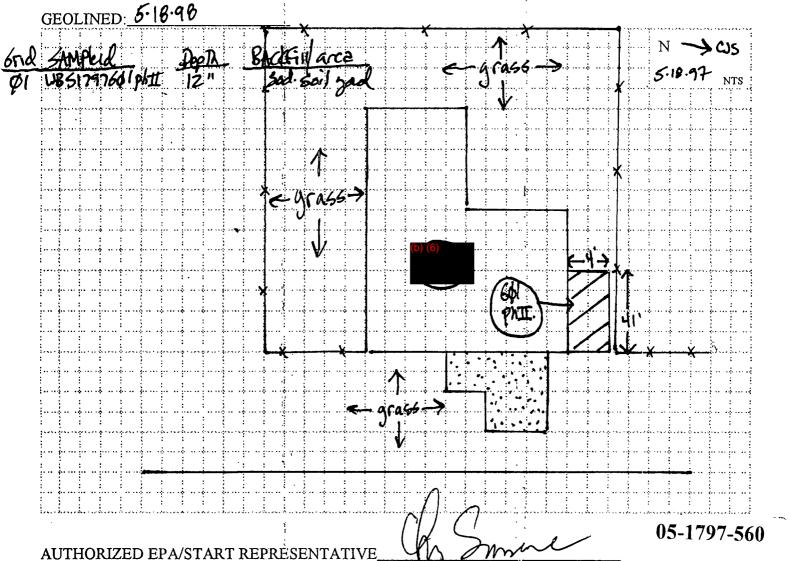
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

GRID#

1-ph IL 2

B: FURTHER ACTION NECESSARY:



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#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				_	. ;				
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B: FURTHER ACTION NECESSA	.: RY:						<u></u>		
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6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Chris Samsome **Ecology & Environment** 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816:

Wednesday, May 20, 1998

Ref Number: IN981589

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<b>ASBESTOS</b>	<u>NONASB</u>	ESTOS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBRIDUS
B\$1797G01P	(6)	Brown	Crushed	< 1% Crockdolite		80% Quartz
1		Non-Fibrous				20% Other
		Homogeneous			ĺ	, 1
		)	<u> </u>	<u> </u>		<b>.</b>
1913G01		Brown 🐇	Crushed	None Detected		80% Quartz
		Non-Fibrous	` ]		i	20% Other
#		Homogeneous				,
\$1913G02		Brown	Crushed	< 1% Chrysotile		80% Quartz
31813902			Crushed	< 1% Crocidolite	·	20% Other
		Ndn-Flbroun Homogeneous		178 Clocidolite		20% Other
			!	<u>.</u>		
S1986G01		Brown	Crushed	1% Chrysotile :		78% Quartz
78		Non-Fibrous	·	1% Crocidolite		20% Other
		Homogeneous		:		
1		- 3				
51797G02		Brown	Crushed	None Detected		80% Quartz
1		Non-Fibrous	i	İ		20% Other
		Homogeneous		,	· {	
				J		
51988G01		Brown	Crushed	1% Chrysotile		78% Quartz
] =		Non-Fibrous		1% Crocidolite:		20% Other
1 (		Homageneque		1		

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers a number of separable subsamples.

so analyzid by ELAP 198-1 Method

Approved Signatory

isotaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative is guaranteed. Floor tibe and wipes should be tosted with either 8EM or TEM. The above test report relates only to the item key only be reproduced in full with written approval by EMSL. The store test must not be used by the client to claim product IVLAP nor any againty of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one eig aboutdory is not responsible for the scouracy of results when requested to physically separate and analyze layered samples.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Chris Samsome Ecology & Environment 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

Wednesday, May 20, 1998

Ref Number: IN981589

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS % TYPE	<u>nonasbi</u> % Fibrous	<u>ESTOS</u> % NONFIBR <b>I</b> OUS
WBS1797G01	) (6)	Brown	Crushed	< 1% Crocidolite	1	60% Quartz
HII		Non-Fibrous	Crusnau	- 1 % Crocidonia		20% Other
		Homogeneous			!	
WBS1913G01		Brown	Crushed	None Detected		80% Quartz
		Non-Fibrous Homogeneous		,	i i	20% Other
WB\$1913G02		Brown	Crushed	i < 1% Chrysotile	i	80% Quartz
		Non-Fibrous		< 1% Crocidolite		20% Other
		Homogeneous		: : !		
WBS1986G01		Brown	Crushed	1% Chrysotile	i	78% Quartz
		Non-Fibrous		1% Crocidolite;		20% Other
		Homogeneous	l l			£
WBS1797G02		Brown	Crushed	None Detected	<u></u>	80% Quartz
		Non-Fibrous				20% Other
		Homogeneous				
WBS1988G01		Brown	Crushed	1% Chrysotile	1	78% Quartz
1		Non-Fibrous		1% Crocidolite		20% Other
1		Homogeneque				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples so analyzed by ELAP 198-1 Method

Margaet & Hillips

andret Pallips Analysta Approved Signatory

Disolaimers: PLM has been known to miss asbeatos in a small percentage of samples which contain asbeatos. Thus negative is guaranteed. Floot tiss and virges should be tested with either SEM or TEM. The above test report relates only to the item nery only be reproduced in full with written approval by EMSL. The above test must not be used by the dilent to claim product IVLAP nor any agarby of the United States Government. All TNVLAP reports with NVLAP logo must contain at least one signature of the source of results when requested to physically separate and analyze layered samples.



Date 5-8-98 Subject RESTORATION

Site # 1797 Sheet No. _____of_

Chkd. By___ Proj. No. _ _Date_ GRETHA £3 SAND 50D

SUP ? SIGNATUE ?

RESTOR	RATION FORM	
SITE#	1797	

•	• •						
:5 10	DATE	DATE	DATE	DATE	•		
<i>t</i> :					EST.	ACTUAL	ACT.
ſ					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					67.52		
6" Concrete Installation (sq. yds.)	:						ļ
4" Concrete Installation (sq. yds.)	; ·			-		ı	
Sand Installation (sq.yds.)	:			İ	67.50		
Lower Lift Sand			-				
Rock, Brown (cu.yds.)	·.						
Rock, Gray (cu.yds.)							
Sand (cu.yds.)	Ų.			) 	18.*2	`	
Concrete (cu.yds.)	-						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoll (cu.yds.)				1:			
EXTRA							
	Site Ske	etch on l	Back of I	Page			;
COMMENTS:	•						•
	:			\(\frac{\partial}{\partial}\)			
	;						
IT REPRESENTATIVE SIGNATU	IRF -				05-	1797-590	
SUB 1 SIGNATURE	e Comme	$\overline{g}$	12616				
	:			<del>,</del>			<del></del>

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

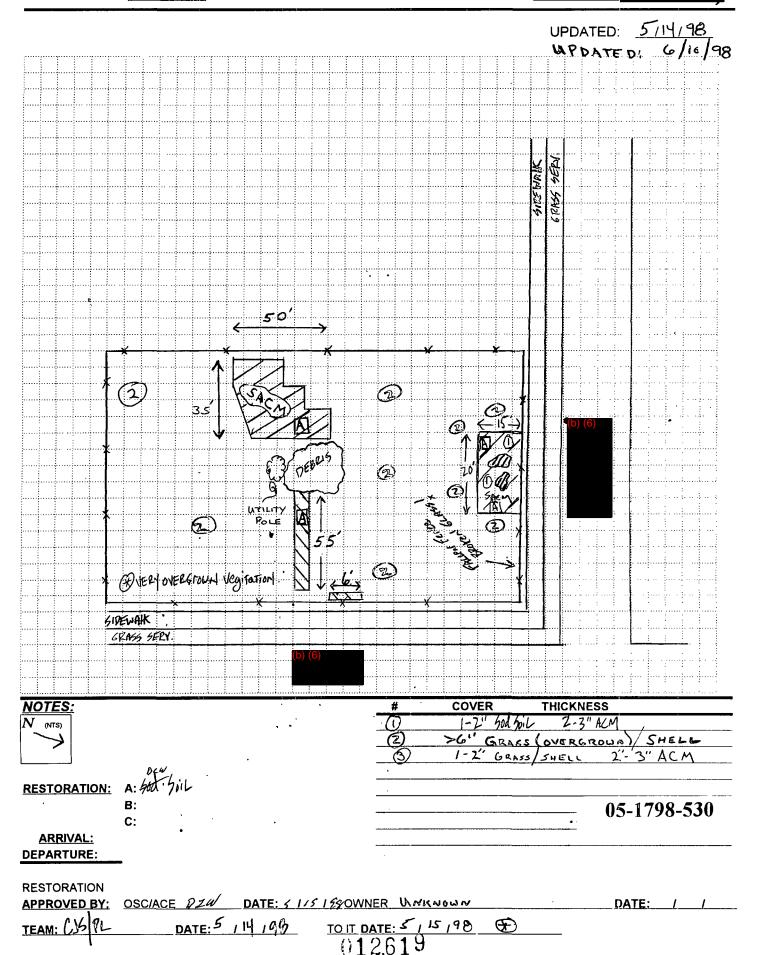
DATE: 9/1/98 SITE #: 1797		(b) (6) ADDRESS:	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		<u></u>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
Paraum Min		slab	
TEAM ME	MBERS: BA/	me	05-1797-540

612617

*****

#### FIELD DATA SHEET 1

Site Information:	
Occupant:	Interviewee:
Address: SW corner of (b) (6)	Vacant lot
Phone No.:	
Owner Name, Address, and Phone No. if Different Than Occupant:	
Site Description:	
Description of property (circle): single home; duplex; but vacant house; vacant lot; other	siness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dogs resolution:	; other
3) Underground utilities installed by owner? (circle): no; water septic tank; other	; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't k If yes, note on site sketch. How deep?	now
Site Sketch:	(b) (6)
	D-Psacon
Vacant Lot(s)  ~ 300 x 150'  probably considers of 5-6 individual bots	Large (aborts)
probably consider of 5-6 individual lots	
	"
Estimated Volume of ACM:	
Comments: SACM by the gate along big pile, also small pieces in	t behind the the by lamp post
Date/Time of Interview: Submitted by Quality 1-14-98	Access Granted (circle): yes; no
Team Members: GD/5) 1/20/98 194	



6339 E. 7388 St., SHEE 152 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (917) 570-5894 EMSI

Attn.: Chris Sansome Ecology & Environment 11550 New Castle Avenue

Friday, June 12, 1998

Suite 250

Ref Number: IN981904

Baton Rouge, LA 70816

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE YMEATMENT	ARRESTOR % TYPE	*	MINASEE FIBROUS	EIGA % NONFIBROU
WB81798G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected			90% Quartz 20% Other
WB81843/1706 G01		Brown Non-Fibrous Homogeneous	Crushed	None Detected			80% Quartz 20% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for isyered samples, each component is analyzed separately. Also, "# of Layers" refers to number of esperable subsemple

* NY samples also analyzed by ELAP 193-1 Method

**Approved** Stenatory

Analysis performed by EMSL indianopolis (NVLAP Air and Bulk 6000155-0, )

05-1796-570



0330 B. 7308 St., Same 152

Indianapolis, IN 46250

Phone: (927) 570-5892

Fax: (517) 570-5894 (EMSL

Astn.: Chris Samome Ecclegy & Lavironment 11550 New Castle Avenue

**Setto 250** Seton Rouge, LA 70816 Thursday, June 18, 1998

Ref Number: IN981983

POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 028401 WESTBANK ASBESTOS

SAMPLE	LOCATION	Appearance	BANFLE TREATHENT	ARRESTOR % Type	%	HONASESTOS FRECUS %	· <u>-</u>
WBB1799/302	(b) (6)	Brown Non-Pibrous Homogeneous	Crushed	None Detected		_	% Quartz % Other
W951796G03	3	Brown Non-Fibrosia Homogeneous	Crushed	None Detected	·		% Quertz % Other
WB81798G04	=	Brown Non-Fibroira Homoganeous	Crushed	None Detected			% Quartz % Other
WB81798Q05		Brown Non-Fibrase Homogeneous	Crushed	2% Chrysolie < 1% Crooldelie			M Quertz % Other
WB81798G06	-	Brown Non-Fibroue Homogeneous	Crushed	< 1% Chrysotts < 1% Crucidoffs			% Quartz % Other
WBB1798007		Brown Non-Fibroue Homogereous	Grushed	< 1% Chrysotis < 1% Gracidalis			% Guertz % Other

Comments: For all diviously haterogeneous samples -Layers' refers to number of supersible subsamples.

* NY samples also enclyped by ELAP 198-1 Method

ane Wasterski Analyse

Approved Signatory



10年10日中,

epolic (NVLAP Air and Built #200188-0, )

05-1798-570

0330 E. 73th St., Suite 133 Indianapolis, IN 46250

Phone: (317) 570-5892

Fax: (317) 370-3894 EMSL

Attn.: Chris Sansome Scology at Emdronment 11550 New Castle Avenue Selte 250 Beton Rouge, LA 70816

Thursday, June 18, 1998

Ref Number: IN981983

#### POLARIZED LIGHT MICROSCOPY (PL

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

<b>EAMPLE</b>	LOCATION	APPEARANCE	RAMPLE THEATMENT	ADBERTOR % TYPE	MERCELS	CAR N MONFIBROUS
W881798G08 /	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WB81798G09		Brown Non-Fibrous Homogeneous	Crushed	None Detected		20% Quartz 80% Other
WB81995G01		Brown Non-Fibrous Hamageneous	Crushed	< 1% Chrysattle < 1% Croaldotte		30% Quartz 70% Other
WB81996002		Brown Non-Fibraus Homogeneous	Crushed	< 1% Chrysottle < 1% Crocidolite		30% Quartz 70% Cither
WBS1995G03		Brown Non-Pibrous Hornogeneous	Cruehed	< 1% Chrysotile < 1% Crookdolite		30% Quartz 70% Other
WB81798G10		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crookloike		30% Quertz 70% Other

Comments: For all obviously heterogeneous samples easily expended into subsamples, and for layered samples, each component is snafezed saparately. Also, "if of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Mathod

ane Wasilewski Assist

Approved Signatory

Disclaiment: PLM has been known to mise selector in a small percentage of semples which contain sebestos. Thus negative be gazantered. Sumples reported as 41% or none detacled should be tested with either \$50% or TEM. The shows test report may only be reproduced in pert with written approved by EMSE. The above test must not be used by the circumstance of the United States Government All WHAP reports with NVLAP togo must contain to be welld. Leboratory is not responsible for the assumery of results when requested to physically separate and analyze layer.

Analysis partormed by EMBL Indianapolis (NVLAP Air and Bulk #200198-0, )

05-1798-570



0350 B. 75th St., Siette 152 Indianapolis, IN 46250

Phone: (317) 576-5892

Thursday, June 18, 1998

Fox (317) \$76-585 EMS!

Attn.: Chris Sansome Scology & Environment 11550 New Castle Avenue

Ref Number: IN981983

**Suka 250** Baton Rouse, LA 70816

> POLARIZED LIGHT MICROSCOPY (PL Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	BANFLE TREATMENT	ASSESTOS % TYPE	*	MINAPORTO	
WBS1799G11	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotile 2% Crecidelite			96 Quartz 96 Other
WB81798G12		Brown Non-Pibrous Homogeneous	Crushed	< 1% Chrysotile < 1% Crookdolite			9% Quartz 9% Other
WB\$1798Q13		Brown Non-Pibrous Homogeneous	Cruehed	< 1% Chrysotile			9% Quartx 9% Other
WBS1799G14		Brown Non-Fibrous Hamagensous	Crushed	None Detected			0% Quartz 0% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "6 of Layers" refers to number of separable subsemples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilowski **Analyse** 

Approved Signatory

Discisivers: PLbit has been known to mise asbestes in a small percentage of samples which contain subsetce. Thus negative putternised. Bentyles agented as <1% or none detected should be tested with either SEM or TEM. The above test report is sealed. This report may only be reproduced in part with witten approval by EMSL. The above test must not be used by the of andersement by NVLAP has any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain to be valid. Lethoratory is not responsible for the accuracy of results when requested to physically separate and analyse layers.

05-1798-570



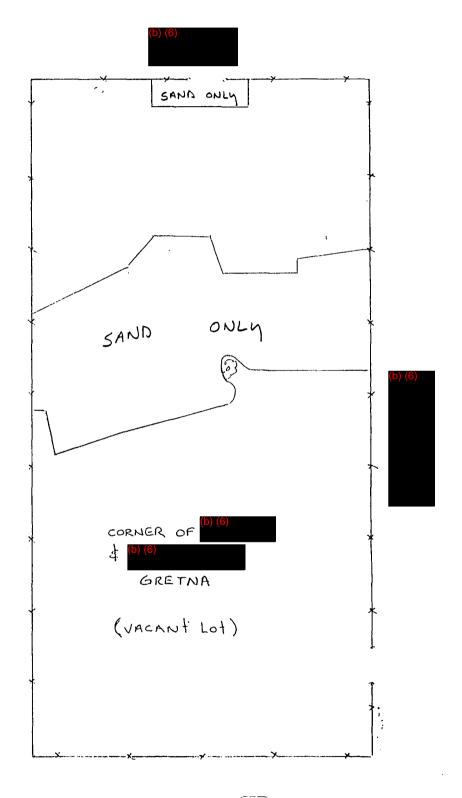
### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

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05-1798-590

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### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTORATI	ON	<b>FOR</b>	Μ
-----------	----	------------	---

SITE# 1798

.; !!	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
<b>"</b>					QTY.	QTY.	COMP
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					· · · · · · · · · · · · · · · · · · ·		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					895. ⁵⁰		
Lower Lift Sand	-						1
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)		v				· ·	
Sand (cu.yds.)					375.∞		
Concrete (cu.yds.)				,			
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)					***************************************		
Topsoil (cu.yds.)					<u> </u>		
EXTRA					<u> </u>		
	Site Ske	tch on B	ack of P	age			
COMMENTS:			n	<b></b>			
				· <del></del>		05-1798-	590
					<del></del>		
IT REPRESENTATIVE SIGNATUR	RE .		12626				
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### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

ADDRESS: southwat corner of
=
=
vacant Lot  05-1798-540

12627

TEAM MEMBERS:

Tracking Number 1799

Revised 2/25/98

#### FIELD DATA SHEET 1

(b) (6)	
Occupant (b) (6)	Interviewee:
Address:	Gretna + (6) (6)
Phone No.: 366-1760	
Owner Name, Address, and Phone No. if D	Different Than Occupant:
Sam	
7)6.:	
Site Description:	
Description of property (circle): single vacant house; vacant lot; other	le home; duplex; business; school; daycare; church;
Problems accessing yards (circle): loc resolution:	ked gate; gate; dogs; other
3) Underground utilities installed by owner septic tank; other Note location on site sketch.	? (circle): no; water; gas; electric; cable TV;
4) Is any underground ACM present? (circl If yes, note on site sketch. How deep?	e): yes; no; don't know
Site Sketch:  Same  Same  Some  Concrete  (b) (6)  House	3 Part (b) (6)  3 Part (b) (6)  5 Busing (b) (6)  72 1/6 (b) (6)
Estimated Volume of ACM:	
Comments: SACM by the Several property address	Gate a located within same piece of land.
Date/Time of Interview: Submitted bi	1545 10:uality 1-14-98 Access Granted (circle): yes; no
Team Members: (aD/5)	05-1799-510

Tracking #: 1799

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name	
Property Address: 2/	253 Phone Number(s) 366-1260
State/Zip Remark 10	253 Phone Number(s) 366-1260

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2-1/-98 DATE

SIGNATURE

05-1799-520

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:	
Property Address:	Gretna
State/Zip:	Phone Number(s) 366 - 1760

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2 - 11 - 98

DATE SIGNATURE

Tracking	#:	70	0	

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (d)		
Property Owner's Name:		
Property Address:	Shel	<u> </u>
State/Zip: Louisière 70053	Phone Number(s)	$\overline{\mathcal{L}}$
,	` ,	$[\omega]$

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

2-11-98 DATE (b) (6)
SIGNATURE

TRACKING# _	1799	SITE SKETCH	ADDRESS:	(b) (6)
,	P NC		·.	UPDATED:/_/
	(b) (6)	CARRORT C		Shed
NOTES:		#	COVER ,	THICKNESS
N (NTS)		, 2	3" she 11/3	oil 3"Acm
RESTORATION: A  B  C  ARRIVAL: //  DEPARTURE: //	: limestone ; : 500/5011 }	driveway 10 rd		05-1799-530
TEAM: / JJ/		RATION APPROVED BY:	2198 (	DATE: 3/10/98

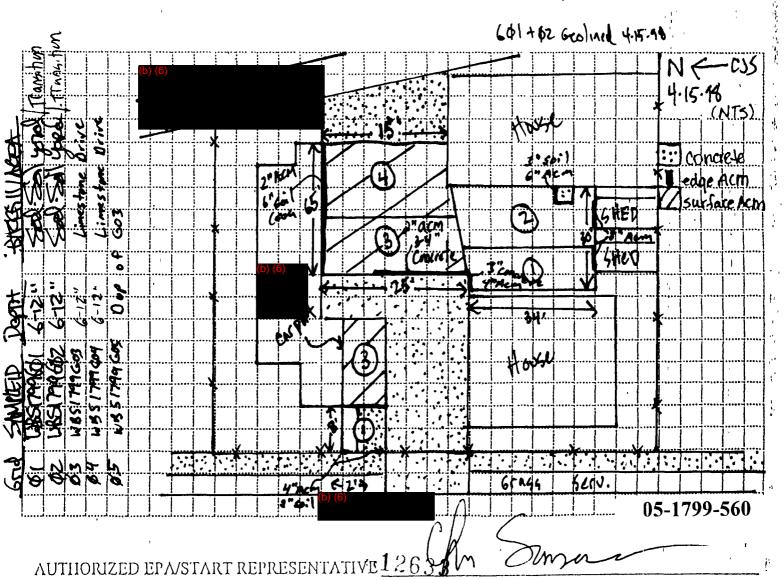
# WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:							*
					+ 1	•	<u> </u>
SITE#	1799		ADDRESS:	(b) (6)		1	: .
·	,			GRETHA.	cA.	,	
				, (			•
			THE ABOVE REFER	t 1	WERE REC	EIVED	VND
WERE EV	ALUATED BY	(THE USEPA STA	RT TEAM ON <u>N</u> O	araylest as	_ot 4/20/9	8	;
RASED O	NANEVALL	ΑΤΙΟΝ ΟΕ ΤΗΕ ΑΝ	AT YTICAL DATA	WERECOMM	IEND THE	OLLO	WING

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



6330 East 75th Street, Suite 152 Indianapolis. Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

EME

Attn.: Michael DuCaye
Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, April 16, 1998

Ref Number: IN981116

# Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: F68209 W.A.R.P.

SAMPLE	VOLUME	ASBESTOS	i	STRUC	CTURES	AREA ANALYZED		RATION OF TRUCTURES	ANALYTICAL SENSITIVITY
ID	(liters)	TYPE(S)	< 5μ	≥ 5µ	NONA5B	(mm³)	AS/mm ²	AS/cc	(AS/cc)
1799P509	632.00	Chrysotile		1	0	0.1331	7.5131	0.0046	0.0046
		•			•				ļ

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Accredited for PLM/TEM NVLAP #200188-0

"Richard K. Harding Analyst Approved
Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm* and not in fibers/cc, which is dependent on vol non-laboratory parsonnel.

05-1799-573



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Michael DuCaye **Ecology & Environment** 

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Thursday, April 16, 1998

Ref Number: IN981116

#### Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Final Rule. (AHERA)

Project: F68209 W.A.R.P.

SAMPLE	VOLUME	ASBESTOS	#	STRUC	TURES	AREA ANALYZED		RATION OF TRUCTURES	ANALYTICAL SENSITIVITY
ID	(liters)	TYPE(S)	< <b>5</b> μ	≥ 5μ	NONASB .	· (@m²)	AS/mm³	AS/cc	(AS/cc)
1799P509	632.00	Chrysotile	:	1	0	0.1331	7.5131	0.0046	0.0048
									!

Comments: For "None Detected" samples, the number under AS/cc is equal to the analytical sensitivity.

Richard K. Harding **Analyst** 

Approved Signatory

Disclaimers: The laboratory is only responsible for fibers counted in fibers/mm² and not in fibers/cc, which is dependent on volum non-laboratory personnel.

05-1799-573



Accredited for PLM/TEM NVLAP #200188-0

PAGE 02

EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.; Chris Sansome
Ecology & Environment

11550 New Castle Avenue

Sulte 250

Baton Rouge, LA 70816

Monday, April 20, 1998

Ref Number: IN981153

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>Asbe</u> %	STOS TYPE	%	<u>NONASBES</u> FIBROUS		NONFIBROUS
WB\$1891G02	(b) (6)	Brown -	Crushed	2% Chr		1			
		Non-Fibrous	Crushed	2 % Cnr ∴ < 1% Cro		!			Quartz Other
		Homogeneous		. < 176 010	cidonie	:		00%	Other
		Homogeneous	•						
As and a				•					
WB\$1799G01		Brown ."	Crushed	Non	e Detected	:			Quartz
İ		Non-Fibrous				İ		85%	Other
1		Homogeneous		:		;			
l			•		,	1.			
WBS1799G02		Brown	Crushed	< 1% Chr	vsotil <del>e</del>	i		15%	Quartz
		Non-Fibrous	1	< 1% Cro		:			Other
ì		Homogeneous		1	1				
			1						
received and a com-									
WB\$1278G01		White	Crushed	Non	e Detected			100%	Other
i		Non-Fibrous				ļ			
;		Homogeneouş	:	Ţ	•				
4781 4 1		•	:			!			
WBS1799G03		Brown	Crushed	< 1% Chr	/sotile	i		20%	Quartz
i		Non-Fibrous		< 1% Cros		!			Other
		Homogeneous	:	!					
					•	i .			
1.ND0470000		1						2004	
WB\$1799G04		Brown	Crushed	< 1% Chr		:			Quartz
-		Non-Fibrous		< 1% Cro	cidolite	•		<b>0</b> U%	Other
ļ.	:	Homogeneous							

Comments: For all opviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Checlaimers: PLM has been known to miss ophostos in a small parcentage of samples which contain asbestos. Thus negative M be guaranteed. Floor titles and wipps should be tested with either SEM or TEM. The above test report relates only to the items to may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product en NYLAP nor any agency of the United States Government. All "NYLAP" reports with NYLAP logo must contain at least one signal Laboratory is not responsible for the accuracy of results when requested to physically separate and enalyze layared samples. Analysis performed by EMSL of Indianapolis (NYLAP Alf and Bulk #200188-0).

05-1799-570

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

7) 570-5894

Attn.: Chris Sansome

Ecology & Environment
11550 New Castle Avenue
Suite 250
Baton Rouge, LA 70816

Monday, April 20, 1998

Ref Number: IN981153

#### POLARIZED, LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

CAMOLE	,0047/04		SAMPLE	ASBE:		•	NONASBI		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS1799G05	(b) (b)	Brown	Crushed	< 1% Chr	ysotlie			20%	Quartz
ı		Non-Fibrous	•	·. •	,			80%	Other
		Homogeneous		i		!			
1		s	·	· ·					
WBS142G01		Brown	Crushed	3% Chr	 vsotíle	1		20%	Quartz
		Non-Fibrous			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	i			Other
i		Homogeneous		•		:			}
·									
WB\$142G02		_		1				000/	_
VVD3142G02		Brown	Crushed	1% Chr					Quartz
!		Non-Fibrous		< 1% Croc	cidolile	1		40%	Other
		Homogeneous	•			+			
•				:		•			
WB\$1784G01		Brown	Crushed	2% Chŋ	/sotile			30%	Quầntz
·		Non-Fibrous		< 1% Croc	cidolite			68%	Other
į		Homogeneous ,		•		:			ş
				•					1
WBS1320G01		Brown	· Crushed	Non	e Detected	:		45%	Quartz
1		Non-Fibrous	·	1	CONTRACTOR				Other
		Homogeneous	:	! .	,			3070	Ott.
		· · · · · · · · · · · · · · · · · · ·				: .			
					ï				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Jane Wasilewski Analyst Approved Signatory

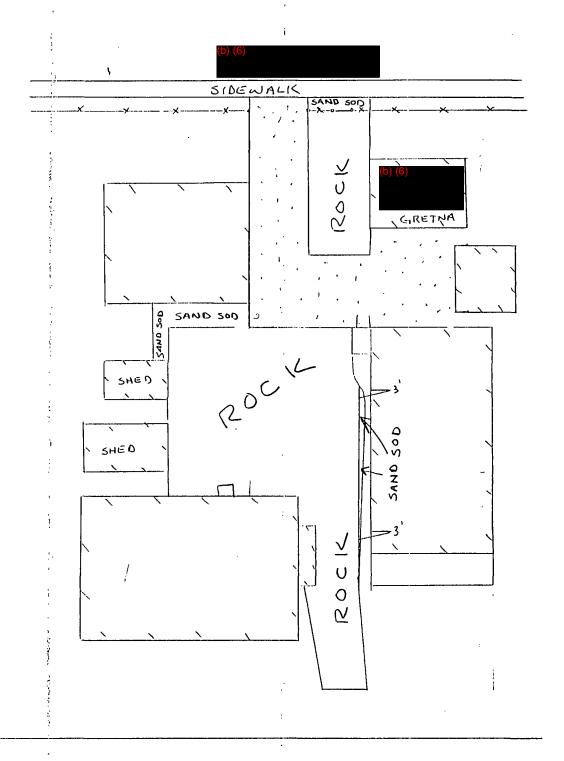
Discipliners: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative if be guaranteed. Proor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product a NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one significancy is not responsible for the ancuracy of results when requested to physically separate and analyze layered sumples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200185-0).

05-1799-570



^{*} NY samples also analyzed by ELAP 198-1 Method





(b) (6)

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

7	ES	TO	RA	TI	ON	FO	RM
---	----	----	----	----	----	----	----

SIIE# 1799	SITE#	1-	190	l
------------	-------	----	-----	---

i i	DATE	DATE	DATE	DATE	;		
	,				EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)				:	240.00		
Sod Installation (sq.yds.)					25.00		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)	:	:					
Sand Installation (sq.yds.)					25.2		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					J00. <u>≈</u>		_
Sand (cu.yds.)	,	-			8.≈		
Concrete (cu.yds.)	·						
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)				ļ			
EXTRA							]
	Site Ske	tch on E	Back of F	Page			· ·
COMMENTS:				•			
	····		a delega de la companya de la companya de la companya de la companya de la companya de la companya de la compa	<u> </u>	05	-1799-590	
IT REPRESENTATIVE SIGNATU	RE						
SUB 1 SIGNATURE		(i	<del>1263</del> 6	<del>}</del> -		· · · · · · · · · · · · · · · · · · ·	

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue Suite 250

Baton Rouge, LA 70816

3175705894

Thursday, April 16, 1998

Ref Number: IN981117

#### PHASE CONTRAST MICROSCOPY (PCM) FIBER COUNT BY NIOSH 7400 METHOD, REVISION #4, 8/94

Project: F68209 W.A.R.P.

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	L.O.D. flb/cc	flbers/ mm'	fibers/cc
1799P509		4/13/98	632.00	1.0	100	0.0043	1.27	<lod< th=""></lod<>
!		i 1			,			

Jane Wasilewski **Analyst** 

Approved Signatory

05-1799-571

LOD = Limit of Detection. The method essumes the lowest detection concentration is 7 fibers/mm2 and is volume dependent. LOD are non-quantifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² a LUD are non-quantilizate and meterory are non-release. The substancy is will which is dependent on volume oblicated by non-laboratory personnel.

Analysis performed by SMSL of Indianapetia (NYLAP Air and Bulk #200100-0).



### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>8/3//98</u> SITE #:		(b) (6) ADDRESS:	GA)
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:			
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		_	
SKETCH OR COMMENTS:			
A com ally		slab	
		. 05 1'	799_540

112641

TEAM MEMBERS:

#### FIELD DATA SHEET 1

Site Information:			
Occupant:		Interviewee:	
Address:	Gretna 21	70053	
Phone No.:			
Owner Name, Address, and Phone No. if D	oifferent Than Occupant:		
Sana			
			\ e ^p
Site Description:			
Description of property (circle): single vacant house; vacant lot; other	e home; duplex; bus	siness; school; daycare;	church;
Problems accessing yards (circle): lock resolution:	ked gate; gate; dogs	, other	
3) Underground utilities installed by owner's septic tank; other	? (circle): no; water	; gas; electrio; cable	TV;
4) Is any underground ACM present? (circle If yes, note on site sketch. How deep?		now	
Site Sketch: (b) (6)			
) (6)	<del>***</del>	Shad Shad	louse )
			X
Estimated Volume of ACM:		h) (6)	
Comments'SACM in Front of	garage at	) (d)	ead end
Date/Time of Interview: Submitted by	1 Quality 1-14-98	Access Granted (circle)	yes: no
	0/98 1694)	ARD 1/21/18	05-1800-51
	19/98 1550		

Tracking #: 1800

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASRESTOS SITE

Property Owner's Name:		
Property Address:	(b) (c)	retra
State/Zip: LA	Phone Number(s) ^{(b) (b)}	, and a

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

1/24/96 DATE (b) (6)

**SIGNATURE** 

05-1800-520

TEAM:

UPDATED: 14 14 10 110 10 40 W でくて、ところ、ないないない **NOTES:** COVER **THICKNESS** Shellfrock Sodlsoil SACM Frock N (NTS) RESTORATION: A: Limestone
B: Sod/Soil 05-1800-530 ARRIVAL: 1045 **DEPARTURE:** DATE: / 129198 **RESTORATION APPROVED BY:** 12644 TO IT 1/30/98 gp

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:				
SITE#	1800	ADDRESS:		
•			7 / /	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON Analytical Received 2-20-198

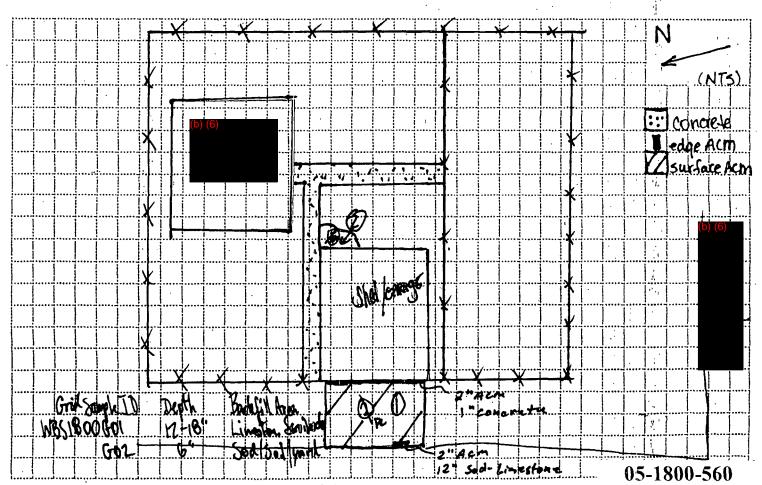
BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2

A. PROCEED WITH RESTORATION:  $\angle$ 

B. FURTHER ACTION NECESSARY: ____





012645

AUTHORIZED EPA/START REPRESENTATIVE

foly ? Shirengs.

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

ÉME

Attn.: Jody Shires

**Ecology & Environment** 

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, February 20, 1998

Ref Number: 1N98480

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

**Project: 020601 WESTBANK ASBESTOS** 

	I BOATION	400C484W05	SAMPLE TREATMENT	<u> </u>	STOS TYPE	%	<u>NONASBI</u> FIBROUS		NONFIBROL	c
SAMPLE	LOCATION	APPEARANCE	IREAIMENI	70	1176		FIBRUUS	/0	NONFIBROD	3
WB\$1800G01	(b) (6)	Brown	Crushed	< 1% Chi	rysotile	i ·		40%	Quartz	
3		Non-Fibrous	0.4022	< 1% Cro	•	1		60%	Other	
		Homogeneous				İ				ĺ
			·			ļ			i	_
		,		,						
WBS1800G02		[!] Brown	Crushed	No	ne Detected			40%	Quartz	
		Non-Fibrous	:			i		60%	Other	
l 1	:	Homogeneous		i						

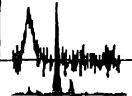
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Floor tiles and wipps should be tested with aither SEM or TEM. The above test report relates only to the item may only be reproduced in full with written approval by FMSL. The above test must not be used by the client to claim produin NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one situationary is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

05-1800-570





> > 05-1800-590

012647

# WESTBANK/ASBESTOS ABATEMENT

SUB 2 SIGNATURE

1

#### RESTORATION FORM

SITE # 1800			
-------------	--	--	--

SUB 1 SIGNATURE 012648							
IT REPRESENTATIVE SIGNATU	RE _				05-1800	)-590	
COMMENTS:			<del></del>				
CORRECTALTO.	Site Ske	tch on B	ack of P	age			
EXTRA						<u> </u>	<u> </u>
Topsoil (cu.yds.)							
Walkway Rock Inst. (sq.yds.)							
Plastic Edging (ft.)							
Concrete (cu.yds.)							
Sand (cu.yds.)					0.50		
Rock, Gray (cu.yds.)					10.00		
Rock, Brown (cu.yds.)							
Lower Lift Sand							
Sand Installation (sq.yds.)					2.00		
4" Concrete Installation (sq. yds.)							-
6" Concrete Installation (sq. yds.)							<u> </u>
Sod Installation (sq.yds.)					Z.ººº		
Rock Installation (sq.yds.)					Z2.50		· ·
					QTY.	QTY.	COMP.
	DATE	DATE	DAIL	DATE	EST.	ACTUAL	ACT.
	DATE	DATE	DATE	DATE			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 8-31-98 SITE#: 1800	ADDRESS GAA
ACM LOCATED BENEATH:	HOUSE SHED
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NADUM	weent lot
TEAM MEMBERS	05-1800-540

612649

	٠	1801
Tracking Number		1001

#### FIELD DATA SHEET 1

Site Information:
Occupar Interviewee:
Address: Gretna
Phone No.: (b) (6)
Owner 1676 Address and Phase No. if Different Then Occupanti
Site Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other  resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:
House (b) (6)
* FACE
Estimated Volume of ACM:
Comments: SACM to left of the house walking walkury.
Date/Time of Interview: Submitted by Qulity 1-4-98 Access Granted (circle): //yes; / no
Team Members: GD /50 1/19/98 1615 05-1801-510

Tracking	#: \8 P\	

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:  Property Address:	O Gratina	
State/Zip: LA 70053	Phone Number(s)(b) (6)	(Resident)

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

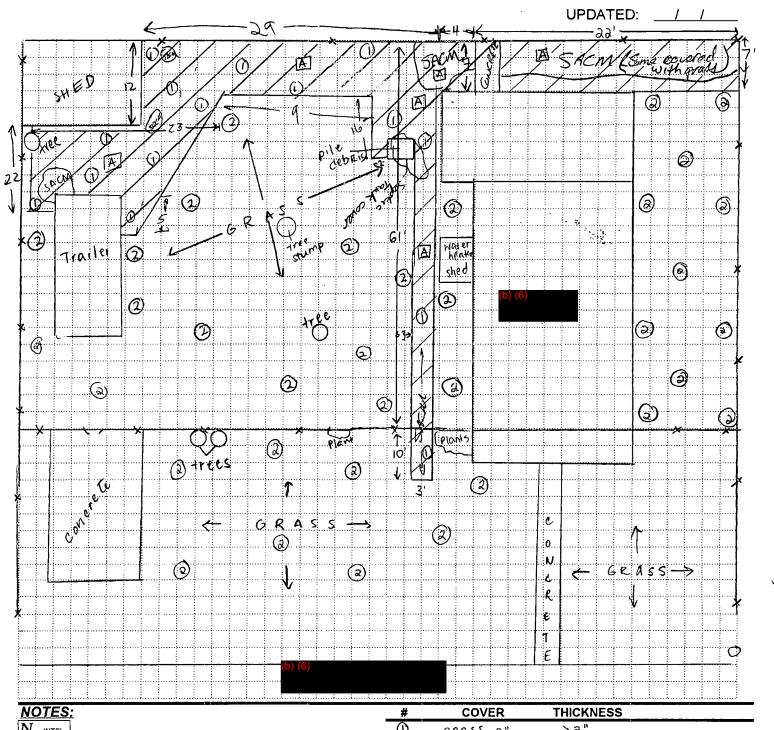
DATE

SIGNATURE

TRACKING # 1801

SITE SKETCH ADDRESS:

Gretna



N (NTS)

>a" GRASS 2" No ACM <u> ģeass</u>

RESTORATION: A: GRASS

B:

C:

05-1801-530

ARRIVAL: 0850 DEPARTURE:

TEAM: AR/GD

Cuf 2/4/98 RESTORATION APPROVED BY:

DATE: 02 1 04 1 98

VIA PHONE DATE: 215198

012652

To IT 2/5/28

## SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

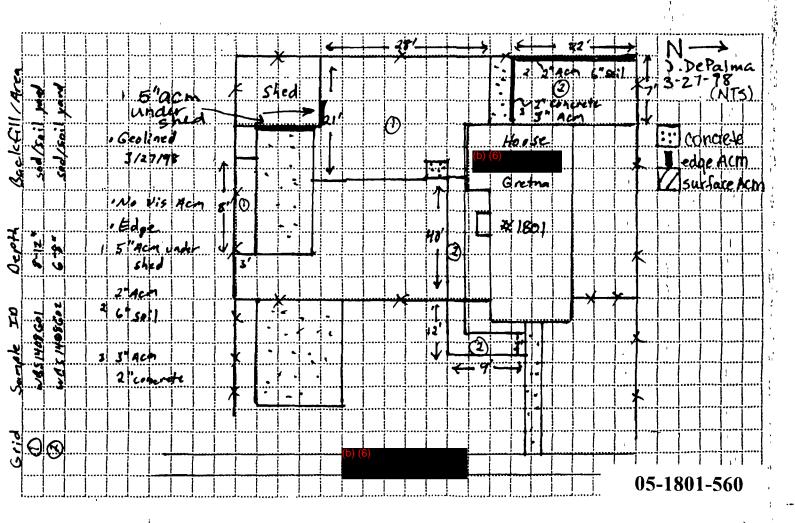
FYI:		• i•
	,	// · ·
SITE# 1801	ADDRESS: [6]	;
•	Gretna, La	5: *

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON 3/1/98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

A. PROCEED WITH RESTORATION

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE 53 Delha peralma

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolls, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma
Ecology & Environment
11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Tuesday, March 31, 1998

Ref Number: IN98876

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE	ASBEST	os		NONASBE	STOS	
\$AMPLE _	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROUS
WB\$1480G05	D) (O)	Brown Non-Fibrous Homogeneous	Crushed	None I	Detected				Quartz Other
WB\$1480G06		Brown Non-Fibrous Homogeneous	Crushed	None I	Detected				Quartz Other
WBS1801G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso	otile .				Quartz Other
W8S1801G02	·	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chryso < 1% Crocid		<b></b>	·		Quartz Other :

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative is be guaranteed. Floor tiles and wises should be tested with either 6EM or TEM. The above test report relates only to the items may only be reproduced in full with written approval by EMSL. The above test must not be used by the disny to claim product a NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200188-0).

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Deena DePalma **Ecology & Environment** 11550 New Castle Avenue

**Suite 250** 

Baton Rouge, LA 70816

Tuesday, March 31, 1998

Ref Number: IN98876

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

CAMPOR	(004=011		SAMPLE		<u>8708</u>		NONASDES	TOS	
Sample	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROU\$	%	NONFIBROUS
WBS1480G05	(b) (d)	Brown	Crushed	Nor	e Detected			30%	Quartz
1		Non-Fibrous		t.		1			Other
į		'Homogeneous	!	1					
* •		}	j .	1					
WBS1480G06		Brown	Crushed	Nor	e Detected			60%	Quertz
		Non-Fibrous	į.	!		į			Other
į		: Homogenaous	ĺ	1		1			
			j.,		• • •	l			
WBS1801G01		Brown	Crushed	i < 1% Chr	yaqtile			60%	Quartz
Ų		· Non-Fibrous	1	i		ļ		40%	Other .
!		Hamogeneous	!			ļ			
,			•	:		i			
WB\$1801G02		Вrown	Crushed	1% Chr	vaotile	1 .		65%	Quartz
(-		Non-Fibrous		< 1% Cro		Ì			Other
	\(b) (6)			•					
L									
									į

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also snalyzed by ELAP 198-1 Method

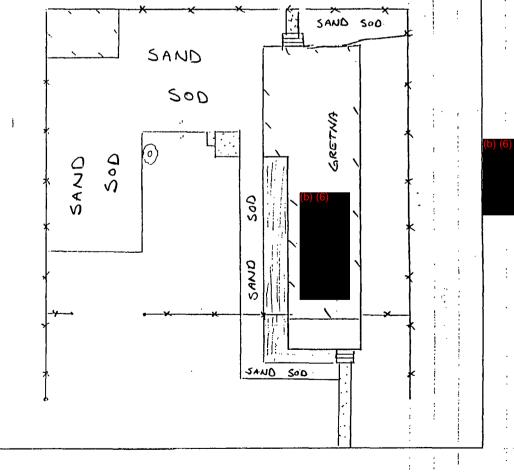
Jane Wasilewski **Analyst** 

Approved Signatory

Disclaimers: PLM has been known to miss aspection in a small percentage of samples which contain asbestos. Thus negotive be guaranteed. Floor tiles and wipes should be tested with either 85M or TEM. The above lest report relates only to the items may only be reproduced in full with written approval by 6MSL. The above test must not be used by the client to alsim product a NVLAP not any againty of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and enalyze layered samples. Analysis performed by EMSL of Indianapolis (NVLAP Air and Bulk #200186-0).







(b) (6)

## WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

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SITE# 1801

	DATE	DATE	DATE	DATE	FOT		407
-					EST. QTY.	ACTUAL QTY.	ACT.
took Installation (as well)							
tock Installation (sq.yds.)				· · · · · · · · · · · · · · · · · · ·	1 _		<del> </del>
od Installation (sq.yds.)					206.50		_
" Concrete Installation (sq. yds.)		<del></del>					ļ
" Concrete Installation (sq. yds.)							
Sand Installation (\$q.yds.)					206.50		
ower Lift Sand							
Rock, Brown (cu.yds.)		4					
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					65.°°		
Concrete (cu.yds.)							
Plastic Edging (ft.)		· .					
Nalkway Rock Inst. (sq.yds.)							
Fopsoil (cu.yds.)							
EXTRA							<u> </u>
	Site Ske	etch on E	Back of F	Page			
COMMENTS:				•			
<u>.</u>	· · · · · · · · · · · · · · · · · · ·				05	1901 500	· · · · · · · · · · · · · · · · · · ·
IT REPRESENTATIVE SIGNATU	RE				V3-	1801-590	
SUB 1 SIGNATURE			. 4 0 0 =	<b></b>			

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/1/98</u> SITE #: <u>/80/</u>		ADDRESS:	(b) (6)
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
A Common and Manager and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second and the second			any vegetation
·		,	05 1901_540

TEAM MEMBERS:

Tracking Number	٠ ١	807	

#### FIELD DATA SHEET 1

NVA

Site Information:	
Occupant:	Interviewee:
Address: Next to	vacant tovergrown lot
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Th	han Occupant:
	· · ·
Site Description:	
1) Description of property (circle): single home; vacant house; vacant lol; other	duplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septic tank; other Note location on site sketch.	no; water, gas; electric; cable TV;
140te location on site sketch.	
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Site Sketch; b) (6)	
X	X
•	
	/ // /
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	r
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<del></del>
Estimated Volume of ACM:	
Comments: the driveway like area o	n the left has ACM pleces 5 yards
	the oil and plastic containers
	Access Granted (circle): yes; no WA
Team Members: 6D/SJ 1/20/98	

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

	ADDRESS: New to (b) (6)  Covery
HOUSE	
CHUNKS POWDER SLAB	
	<del></del>
	ant fortysolov
	CHUNKS POWDER SLAB

TEAM MEMBERS:

MTL/PLL

05-1802-540

Tracking Number 1803

#### FIELD DATA SHEET 1

Site Information:,	
Occupan Interviewee:	
Address: Gretna, LA 70053	
Phone No.: (b) (6)	
Owner Name, Address, and Phone No. if Different Than Occupant:	
ite Description:	
1) Description of property (circle): Single home; duplex; business; school; daycare; church; vacant house; vacant lot; other	
2) Problems accessing yards (circle): locked gate; gate; dogs; other	
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other  Note location on site sketch.	
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?	
Site Sketch:	
(b) (6)	
Estimated Volume of ACM:	
comments: SACM in driveway .	
Date/Time of Interview: Submitted by Quality 1-14-98 Access Granted (circle): Ves? no	
Team Members: GD / SJ 1/20/98 1/00 05-1803-5	10

Tracking #	4:189	13

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name:			
Property Address:		Greta	
State/Zip: $\triangle 7 \% 53$	Phone Number(s)_	(5) (6)	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

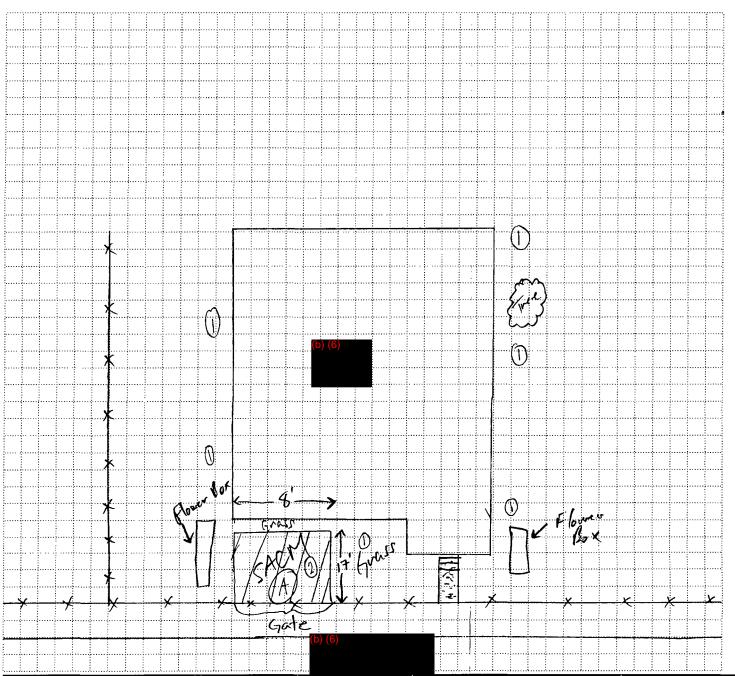
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

JOSE DATE

SIGNATÚRE

UPDATED: 1 128, 98



<u> </u>		<u>.iiiiiii</u>
NOTES:	# COVER	THICKNESS
N (NTS)	(1) Std/Still (2) / Asbestos Pad	No Coux 4"
RESTORATION: A: Concrete B:		<b>05-1803-530</b>
ARRIVAL: 1030 DEPARTURE: 1050	(b) (6)	
TEAM: S.J. P.L., JM 1/29/98 (; pare	563 128,98 To	More DATE: 0/130,198  IT 1/30/98 HPS

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		,	
SITE# 1803	ADDI	ŒSS: (b) (6)	1
•			

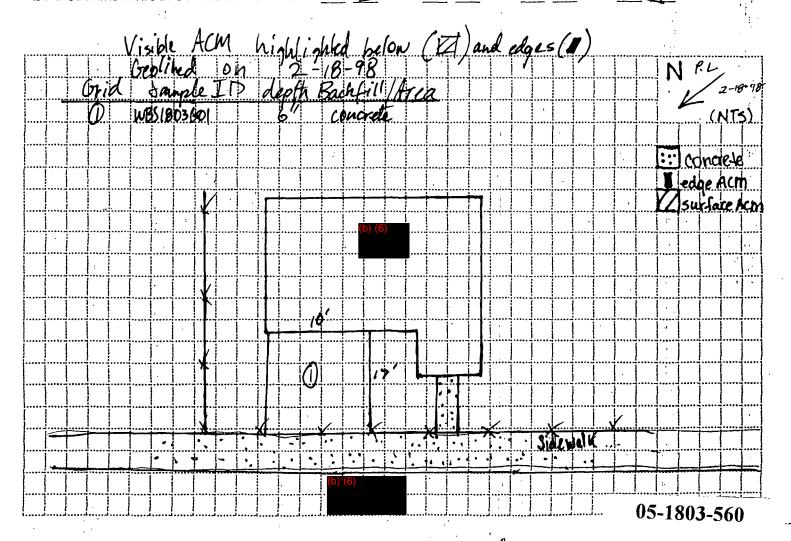
THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No Rouly fical as of 2-18-98

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID#: 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:

B. FURTHER ACTION NECESSARY:



AUTHORIZED EPA/START REPRESENTATIVE foly 7- Phios J

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894



Attn.: Jody Shires

Ecology & Environment

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Friday, February 20, 1998

Ref Number: IN98480

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			044015	ASBE	estos		NONASBE	STOS	
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	%	TYPE	%	FIBROUS	%	NONFIBROL
WB\$1734G01	(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				Quertz Other
WB\$1803G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Ch	rysotile				6 Quartz 6 Other
'WB\$1756G01		Brown Non-Fibrous Homogeneous	Crushed	2% Ch < 1% Cr	nrysotile ocidolite				6 Quartz 6 Other
WB51428G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Cr	· .	 			6 Quartz 6 Other
WBS1684G01		Brown Non-Fibrous Homogeneous	Crushed		rysottle rocidolite				6 Quartz 6 Other
WBS1788G01		Brown Non-Fibrous Homogeneous	Crushed	; No	one Detected				% Quartz % Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

Jane Wasilewski Analyst Approved Signatory

05-1803-570

₩--

Disclaimers: PLM has been known to mise aspestos in a small percentage of samples which contain aspestos. Thus negative guaranteed. Floor titles and wipes should be tested with either SEM or TEM. The above test report relates only to the Item may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to dalin produ. NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one subdoratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples Analysis performed by EMSL of Indianapolis (NVLAP Atriana Bulk #200188-0).



 By
 PM
 Date
 2-19-98
 Subject
 REStoration
 Site
 # 1803
 Sheet No.
 of

 Chkd. By
 Date
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GRETNA

SANO BACKFILL

SANO BACKFILL

OUTSIDE FORMS

OUTSIDE

05-1803-590

## WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

R	FS	TO	RA	TI	$O\Lambda$	I FO	RM
					$\boldsymbol{\smile}$		, , , , ,

SITE#	1803
	1.6363

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)	:						
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)	:				Z6.5º		
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					5 %		
Lower Lift Sand							
Rock, Brown (cu.yds.)			-				
Rock, Gray (cu.yds.)				, , , , , , , , , , , , , , , , , , , ,			
Sand (cu.yds.)					Z . <u>∞</u>		
Concrete (cu.yds.)					· 4.50		
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							
EXTRA							
	Site Ske	etch on B	ack of P	age			
COMMENTS:							
					05	-1803-590	
IT REPRESENTATIVE SIGNATU	RE					1003-370	
SUB 1 SIGNATURE				1			

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/8/98 SITE #: 1803		ADDRESS	
ACM LOCATED BENEATH:  APPR. CRAWL SPACE HEIGHT:	HOUSE SHED	i	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	= ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:		=	
John Moo			
	, n /	05-18	803-540

612668

TEAM MEMBERS: DA/ML

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		1	$\Delta \Omega$	
Tracking Number		10	$\mathcal{F}$	
<b>0</b>		*		-

#### FIELD DATA SHEET 1

Site Information:
Occupant: Vacant House Interviewee:
Address: 1900 block of (b) (b) between (b) (6)
Phone No.: (6) (6) Greena LA 70053
Owner Name. Address, and Phone No. if Different Than Occupant: (b) (6)
ite Description:
Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
2) Problems accessing yards (circle): locked gate; gate; dogs; other
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know If yes, note on site sketch. How deep?
Site Sketch:  House  sram
Estimated Volume of ACM:
Comments: Green house with an acm walkway to the right of it.
Date/Time of Interview: Submitted by Quality 1-14-98 Access Granted (circle): yes; no
Ceam Members: GD/SJ 1/20/98 1500 05-1804-5
1

012669

3708 44

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			UPDATED:	
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				J
*	0		0	1
				*
*		Concrete	$\bigcirc$	
	6PEEN +	<b>1</b>		
	GREEN + WHITE House	6		*
1 nocht i Ook	1,000	A		
Convolution Control		50'		
( jet )				
		(\$\text{Q}\)		
			0	1
		@ (A)		
***************************************	<b>O</b>	( <u>\</u> \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
$\bigcirc$		- 8-2		
	(b) (6)			
NOTES: VER OVERLEANY LEEDS + GRASS	<del>- #</del>	COVER	THICKNESS	
	(2)	6"5085iL 2"5085iL	1-2" ACM	
K		V /V:V	· · · · · · · · · · · · · · · · · · ·	
RESTORATION: A: Sol Soil				
B:				
C:		İ		
ARRIVAL: 0755		'	05	5-1804-530
DEPARTURE: 0430				
RESTORATION		^		
. 1		KHOWN OWN	E R D	ATE: / /
TEAM: BC C)5 DATE: 7,18,98	10 II PATE: 7, 012670	221 98 8		
	016010	•		

7136863645

EMSL HOU

PAGE 01

## EMSL Analytical, Inc.

2501 Central Pkwy, C-13 Houston, TX 77092

Phone: (713) 686-3635

Fax: (713) 686-3642 EMSI

Attn.: Amanda Looney Ecology & Environment, Inc. 11550 Newcastle Ave. #250 Baton Rouge, LA 70816

Monday, August 03, 1998

Ref Number: TX983615

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601RAG1-WESTBANK ASBESTOS

			SAMPLE	ASSESTOS	MOH	ASBESTOS
Sample	LOCATION	APPEARANCE	TREATMENT	* TYPE	* FIBROUS	% NONFIBROUS
W881804G01	-(b) (6)	Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysotlis		100% Other
WBS1434G01		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chrysottle		100% Other
WB\$1942G01		Brown Non-Pibrous Homogeneous	Crushed	< 1% Chrysolile		100% Other
WB81972G01		Brown Non-Fibrous Homogeneous	Grushed	< 1% Chrysotile		100% Other
WBS1972G02		Brown Non-Fibrous Homogeneous	Orushed	< 1% Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Leyers" refers to number of separable subsemples,

* NY samples also analyzed by ELAP 198-1 Method

Carlos D. Salinas **Analyst** 

Approved Signatory

05-1804-570

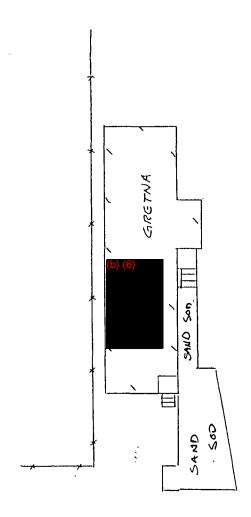
## SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:													,	•					,													
SITE	#	15	<u>80</u>	4											Α	DL	ıu	ESS	: (b	(6)										•	· 	
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BASE		1 V.	N E	VΛ	LU	JA'I	ïlO	И (	OF.	ΤH	E/	/N/	\L\	YTI	lCΛ	L]	DΛ	ΤΛ	, W	Έľ	, E	COI	MM ·	1E1	ND	TH	ΕI	IO ⁷	LC	ιW	ИO	}
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 $01267\overline{2}$ 







05-1804-590

### WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

IT REPRESENTATIVE SIGNATURE

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RESTOR	RATION FORM	/]
SITE#	اهمط	

	DATE	DATE	DATE	DATE			
-					EST. QTY.	ACTUAL QTY.	ACT. COMP.
Rock Installation (sq.yds.)							-
Sod Installation (sq.yds.)					44.50		
6" Concrete Installation (sq. yds.)			·				
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					44.50	<i>y</i> .	
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					16.0	•	
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							-
EXTRA							
	Site Ske	tch on B	ack of P	age			
COM!AENTS:	- <u> </u>						
Park					05_1	804-590	

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/1/98</u> SITE#: 1804		(b) (6 ADDRESS:	)	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:  DESCRIPTION OF ACM:	CHUNKS	=		
PERCENT OF AREA (ACM)  SKETCH OR COMMENTS:	SLAB	=		
Manaramelle				
			05_1	804-540

012675

TEAM MEMBERS:

Tracking Number 1805

#### FIELD DATA SHEET 1

Site information:
Occupan Interviewee:
Address:
Phone No.; (b) (6)
Owner Name, Address, and Phone No. if Different Than Occupant (b) (6)
Site Description:
Description of property (circle): single home; duplex: business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  Shed  Shed  Concrete  Concrete  (a) (6)
(D) (O)
Estimated Volume of ACM:
Comments: Call resident before removal, this is where she parks her car.
Date/Time of Interview: 1/19/98 1325 Access Granted (circle): yes; no
Team Members: GD /5J 05-1805-510

Tracking #:	1805
-------------	------

## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(6) (6)		
Property Owner's Name:			
Property Address:		Gretna	
State/Zip:	Phone Number(s)_	(b) (6)	
<del>-</del> —	•		

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

DATE

Sheel

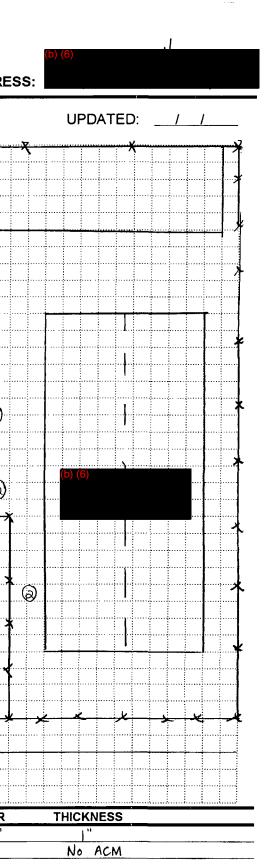
ARRIVAL: 4755
DEPARTURE:

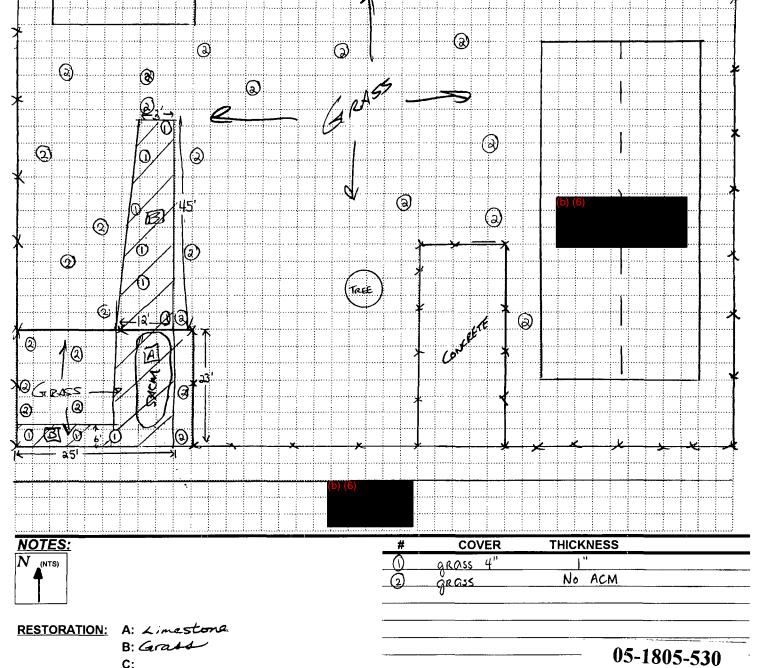
TEAM: GD/AR

ENF 2/4/98 RESTORATION APPROVED BY:

(a)

Shed



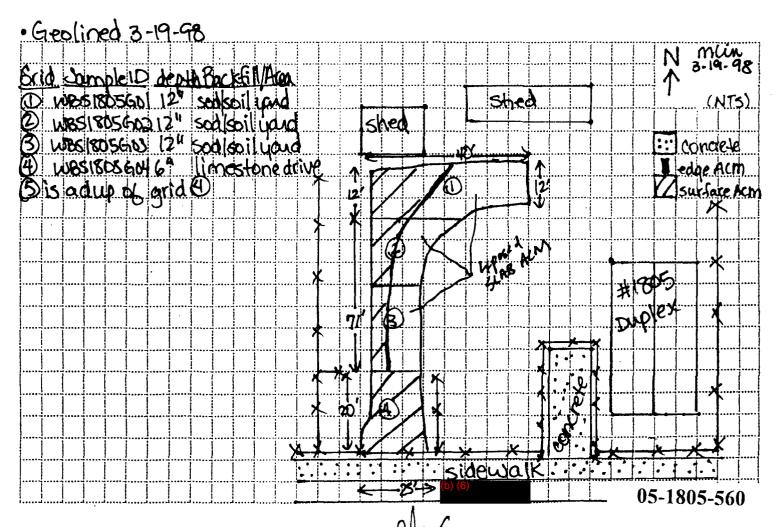


#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE# 1805	ADDRESS (6) (6)	
·	Gretna, LA	

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON (NO ambifical 05 of 3-19-98) min

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:



AUTHORIZED EPA/START REPRESENTATIVE 25 9

## EMSL Analytical, Inc.

Baton Rouge, LA 70816

6330 East 75th Street, Sulte 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Maggie Linn

Ecology & Environment

11550 New Castle Avenue
Suite 250



Monday, March 23, 1998

Ref Number: IN98776

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL PROJECT

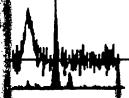
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS	•	NONASBE		
	(b) (6)	•		% <i>TYPE</i>	<b>%</b>	FIBROUS	%	NONFIBROUS
WB\$1805G01		Brown	Crushed	< 1% Chrysotile				Quartz
		Non-Fibrous		• • •	ł		60%	Other
		Homogeneous	:		•			
WBS1805G02		Brown	Crushed	< 1% Chrysotile	•		40%	Quartz
		Non-Fibrous		1 70 Gingoong				Other
		Homogeneous					0070	Other
<u>.</u>	<b>.</b>			·				
WBS1805G03		Brown	Crushed	2% Chrysotile			40%	Quartz
		Non-Fibrous						Other
		Homogeneous					****	50,01
<u></u>		· · · · · · · · · · · · · · · · · · ·						
WBS1805G04		: Brown	Crushed	< 1% Chrysotile	;		40%	Quartz
1		Non-Fibrous	İ		•		60%	Other
		Homogeneous						
			di p	1				
WBS1805G05		Brown	Crushed	2% Chrysotile	** ** **		40%	Quartz
: :		Non-Fibrous		i			58%	Other
1		Homogeneous	:					ſ
L			i.	!				
WB\$1820G01		Brown	Crushed	< 1% Chrysotile			80%	Quartz
		Non-Fibrous		: < 1% Crocidolite			20%	Other
		Homogeneous	•					1
	:	-		:				

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

* NY samples also analyzed by ELAP 198-1 Method

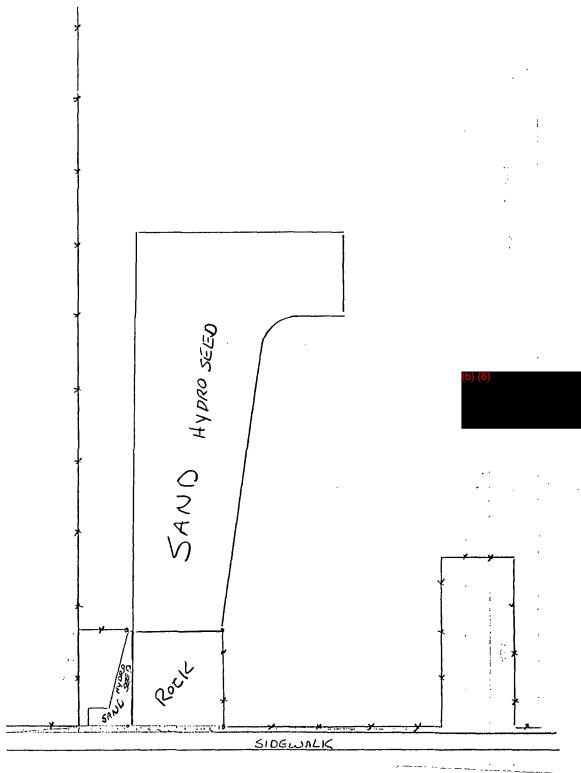
Jane Wasilewski Analyst Approved Signatory

05-1805-570



Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative fibe guaranteed. Floor ties and wipes should be tested with either SEM or TEM. The sbowe test report relates only to the liems may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product a NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one sign Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

SITE# 1805

	DATE	DATE	DATE	DATE			
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					42.00		
Sod Installation (sq.yds.)							
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)							
Sand Installation (sq.yds.)					256.°°		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					13.∞		
Sand (cu.yds.)					90.*2		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							_
EXTRA						,	
	Site Ske	tch on B	ack of P	age			
COMMENTS:					-		
					······································	1	
					0	5-1805-59	0
IT REPRESENTATIVE SIGNATU	RE	r:	12682	<del></del>		1	·
SUB 1 SIGNATURE		$\mathcal{O}$	エヤハウャ	_			

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## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>6-26-98</u> SITE #: <u>1805</u>		ADDRESS	(b) (6) 	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		=		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		=		
SKETCH OR COMMENTS:				
A5B 8, 26, 8		VIS S	SACM	

TEAM MEMBERS:

ASB/PLL

05-1805-540

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	•	16.	
Tracking Number		1806	
Tracking Lantinger		1:10 0 00	_

#### FIELD DATA SHEET 1

NVA

Site Information: ,	
Occupant: (b) (6)	Interviewee:
Address: (b) (6)	MARRERO
Phone No.:	
Owner Name Address, and Phone No. if Different Than Occupan	t:
Site Description:	
Description of property (circle): single home; duplex; by vacant house; vacant lot; other	usiness; school; daycare; church;
Problems accessing yards (circle): locked gate; gate; dog resolution:	gs; other
3) Underground utilities installed by owner? (circle): no; water septic tank; other Note location on site sketch.  Note location on site sketch.	er; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; don't If yes, note on site sketch. How deep?	know
Site Sketch:  (b) (6)  (c) (c) (c) (d) (d) (e) (e) (e) (e) (e) (e) (e) (e) (e) (e	Shed Shed
Estimated Volume of ACM:	
Comments: FRON IT 1-10.98 VERON NOTIFY OWNER OF FINDINGS.	•
Date/Time of Interview: 1/19/98 1400	Access Granted (circle): yes; no
Team Members: GD /SJ	07-1806-510

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>9/24/98</u> SITE#: <u>1806</u>	(b) (6) ADDRESS:
ACM LOCATED BENEATH:	HOUSE
APPR. CRAWL SPACE HEIGHT:	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB
PERCENT OF AREA (ACM)	
SKETCH OR COMMENTS:	
NO ACM	Siding.
TEAM MEN	1806-540 O7-1806-540

1112685

#### FIELD DATA SHEET 1

Site Information:	
Occupant: VACANT Dunlay	Interviewee:
Address: 46 618 Are A Wash	West
Phone No.: 393 6963 -	Charles Forsier
Owner Name, Address, and Phone No. if Different Than Occup. Westlawn (Cemetary) MG DLAZA (corner of whitney) 1601 Belle Chase Huy, GR.	(b) (6) ant
Site Description:	
1) Description of property (circle): single home; duplex vacant house; vacant lot; other	business; school; daycare; church;
2) Problems accessing yards (circle): locked gate; gate; resolution:	logs; other
3) Underground utilities installed by owner? (circle): no; we septic tank; other  Note location on site sketch.	ater; gas; electric; cable TV;
4) Is any underground ACM present? (circle): yes; no; dor If yes, note on site sketch. How deep?	n't know
Site Sketch:	Aver A
Estimated Volume of ACM:	
Comments: House has been jacked up, has been broken up around the	possibley for moving. ACM be whole building
Date/Time of Interview: 2/2/98 15/15	Access Granted (circle): yes; no
Team Members: (a) / RR	09-1807-510

Tracking #: 1807

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: Que L	adv or Promot Sucron Church
Property Address: 616 4 618	AUS A WESTWEGO
	Phone Number(s) 393 6963
,	, , ,

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backloos, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

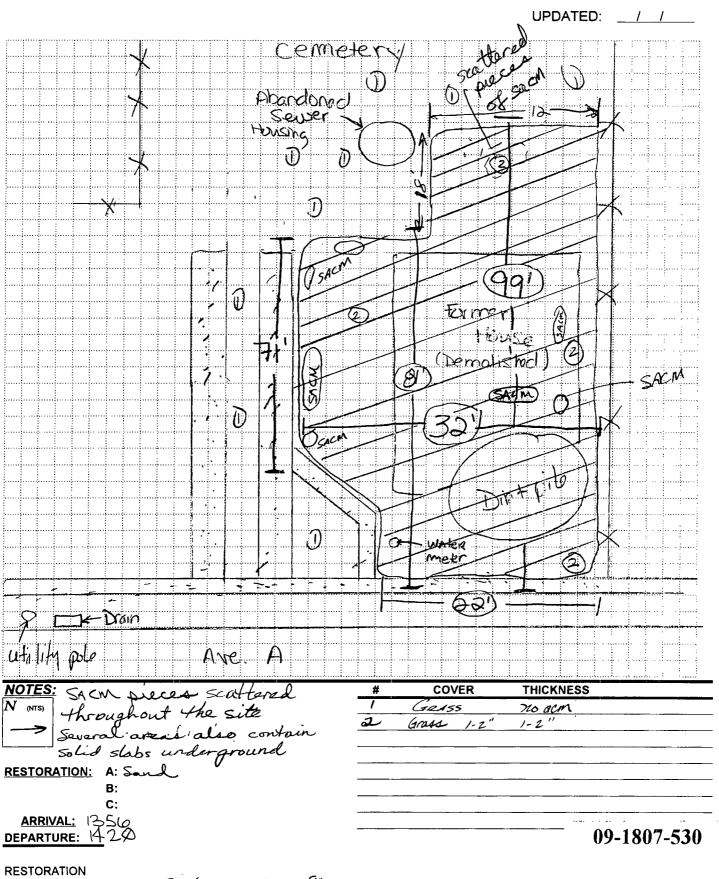
I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

x 363-2980

09-1807-520

5/1/98 DATE Charle & Janhour J as agent SIGNATURE for OLPS Church



APPROVED BY: OSCIACE DLW DATE: 511 1980WNER CHARLES FAMABLES DATE: 5/22/18

1011 DATE: 5/22/98 (3) TEAM: CVM/GD DATE: 51/198

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:					
SITE# <u>1807</u>		1	ADDRESS:_	616/618	Ave A, WW
			_		
THE SAMPLE ANALYSIS RESULTS IN WERE EVALUATED BY THE USEPA					
BASED ON AN EVALUATION OF THACTION:	E ANALY	TICAL I	DATA, WE F	RECOMMENI	THE FOLLOWING
GRID#:	1	2	3 4	5 6	7 8
A. PROCEED WITH RESTORATION:		<u></u>		$\perp$	
B: FURTHER ACTION NECESSARY:		······	<del></del> .		
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Grid Sample ID Time Depth	:				N
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AUTHORIZED EPA/START REPRESE	NTATIVI	E(	and wan	w	
	01	2689	V		

## EMSL Analytical, Inc.

6330 E. 75th St., Suite 132 Indianapolis, IN 46250

Phone: (317) 570-5892

Wednesday, June 24, 1998

Fax: (317) 570-5894

Attn.: Chris Sansome **Ecology & Environment** 11550 New Castle Avenue Suite 250

Ref Number: IN982059

Baton Rouge, LA 70816

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS

			SAMPLE	<u>ASBESTOS</u>			<u>NONASBESTOS</u>		
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE	%	FIBROUS	*	NONFIBROUS
WBS1807G01	616/618 Ave A.	Brown Non-Fibrous Hamogeneous	Crushed	Non	ne Detected				Quartz Other
WB\$1807G02	816/818 Ave A,	Brown Non-Fibrous Homogeneous	Crushed	Nor	ne Detected				Quartz Other
WBS1807G03/	616/618 Ave A, WWV	Brown Non-Fibrous Hamageheous	Crushed	Non	ne Detected				Quartz · Other
WBS1807G04	618/618 Ave A, WW	Brown Non-Fibrous Homogeneous	Crushed	Nor	na Datected				Quartz Other
WBS1702G01	(b) (6)	Brown Non-Fibrous Homogeneous	Grushed	< 1% Chr < 1% Cro	-				Quartz Other
WBS1702G02		Brown Non-Fibrous Homogeneous	Crushed	< 1% Chr	ysottle		•		Quertz Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Margaret Phillips Analyst

**Approved** Signatory

09-1807-570

Disclaimers: PLM has been known to miss sebestos in a small percentage of samples which contain asbestos. Thus negative guaranteed. Samples reported as <1% or none detected should be tested with either SEM or TEM. The above test report is tested. This report may only be reproduced in part with written approval by EMSL. The stove test must not be used by the cB endomement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contal to be valid. Leboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered

Analysis performed by EMSL Indianapolis (NVLAP Air and Bulk #200186-0, )

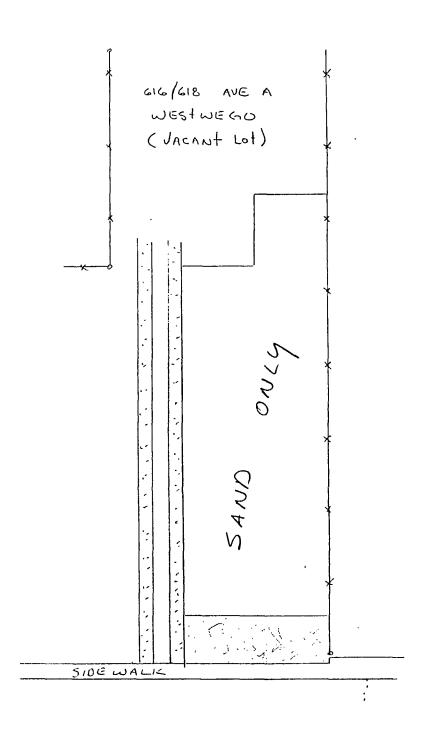
^{*} NY samples also analyzed by ELAP 198-1 Method





17 生物學學以下, 1989年

Ву_ <i>РМ</i>	Date <u> </u>	_Subject	RESTORATION	SIFE #	1807	Sheet No of
Chkd. Bv	Date					Proi. No.



09-1807-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

SUB 2 SIGNATURE

RES:	TOR	AT	ON	FO	RM
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SITE# 1807

	DATE	DATE	DATE	DATE			•
;				<del></del>	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)							
Sod Installation (sq.yds.)					,		
6" Concrete Installation (sq. yds.)							
4" Concrete Installation (sq. yds.)		·				'	
Sand Installation (sq.yds.)					281.ºº		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)						1	
Sand (cu.yds.)					117. <u>°°</u>		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							!
EXTRA							<u> </u>
	Site Ske	tch on B	ack of Pa	age			
COMMENTS:							
					<del></del>		
					09-18	07-590	<del></del>
IT REPRESENTATIVE SIGNATUR	RE _		12692	.,,			

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: $7(3\phi)98$ SITE #: $(8\phi)$ 7		ADDRESS:	616/618 AVE A Westwego, LA
ACM LOCATED BENEATH:	HOUSE		
APPR. CRAWL SPACE HEIGHT:		=	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)		=	
SKETCH OR COMMENTS:			
No fem			
TEAM MEM	BERS: AL/DA	ł	09-1807-540

012693

# Resident Contact Log Owner

Residence Number: 1807	
Property Address: 616/618 Ave A Nestwey	
Owner Name: Westlaun Cometeries: Control Charles Fos	hea (phonetic Spellm.)
Current Location/Phone/Fax: @ MG Plaza, #393-6963	

M/P/W	Date	Time	Init	R/I	Comments	Status
Μ	4/29	153ø	CVH/KJ	I	chopped of Access to be signed up Mestiann Cometeries @ Belle Chap ; W	itney
P	4/30	1400		I	Called 10: access, Dift may of seception	nist
P	5/1	085¢	cumi	エ	Called Mr. F in mity, left may ut recept	
P	5/1	0930	CVM	R	Reaptronist called in soid access signed Mady to be picked up START picks up access	
p	5/,	103ø	:	I	START picks up access	
			i			
			,			
			:			
		<b>\ \</b>				
		18.50	,			
				,		
			:			***
i		"	3			
			0			
	<del></del>				A	
			<del></del> ,	<del></del>		

M=Meeting; P=Phone Call; W=Fax or Written

Init-Your Initials

R=Received; I=Initiated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed. Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

09-1807-600

616/618 Au A (WW) Owned directly by Church Box ar Lady of Proms Succor Catholic Church Ownal as part of New Orlean Archdicesc This site is being prepared for a Mansolevin by Mestlawn Cemeleries Inc Contact Charles Foreax (pronouveed) #8-50ther 393-6963 393-6963 Anypaper work that needs to be signed should be address to Mike Budareax pronouced New Orleans Archolicescon Archdioesan Cemeteries 1000 Howard Ave ste 500 N.O. 70113 - Dropped off access agreement fix Chargles For ...

@ Westlann Greterie Office @ MG Plaza.

-> 4/30/98 Called 7 by Mosg for Charles to call

Tracking Number

#### FIELD DATA SHEET 1

(b) (6)				
Occupant:		<u>.</u> _ I	nterviewee:	<del></del>
Address:	(1.) (0)	Westly	290	
Phone No.:	(b) (6)			
Owner Name, Address,	and Phone No. if Different	Than Occupant:		
	······································	·	*	
Site Description:				
Description of proper vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vacant house; vac	rty (circle): strigle home nt lot; other	, duplex; busine	ss; school; daycare; church;	
Problems accessing y resolution:	ards (circle): locked gate	e; gate; dogs;	other	
Underground utilities septic tank; other Note location on site		): no; water;	gas; electrio; cable TV;	
4) Is any underground A If yes, note on site ske	CM present? (circle): yes tch. How deep?	r; no; don't knov	<b>/</b>	
Site Sketch:	GARAGE Concrete	Concrete Graval Graval Housi	Drain here, will need to be rebuilt after dur restoration  (EC (Look for ACM here)  (b) (6)	{
Estimated Volume of AC	CM:	_	**************************************	
Comments:	tcM in from	t of middle	Garge Bidoor	
Date/Time of Interview:	1015 2/2	198 A	cess Granted (oirole): yes: no	
Team Members: 6	b /AR		09-1808-510	

Tracking	#:	1898
7.40.00.0		<del></del>

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

	(b) (b)		
Property Owner's Nat	ne:		
	<b>b</b> )	Westurgo	
Property Address: State/Zip:	7009 Phone No	umber(s)_(b) (6)	
• —	,	. ,	

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small buildozers, backlines, or tracklines and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

3 /7 /0 DATE

wants to have I same langth as other shallow feare draw as

SIGNATURE

09-1808-520

SITE SKETCH ADDRESS: UPDATED: / / GARAGE 6,005S Water X Meter NOTES: Owners in poor health.

Norvied about delays becomes

expected of Drain along concrete

RESTORATION: A: Limistone 12x18

B: Concrete? 9x18? COVER THICKNESS 09-1808-530 ARRIVAL: /530 RESTORATION APPROVED BY: X DEPARTURE: DATE: 3 123 18 TEAM:

CONCRETE SLOP IN FRONT OF GREACH, MATCH EXISTING SLAB SOURCE DRIVE WAY WHEN degling so Likestonic Looks GOOD

# SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

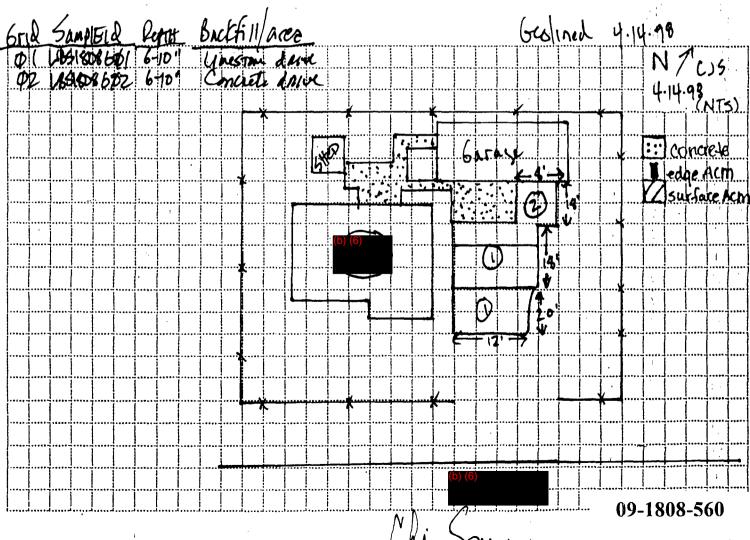
FYI:			1 .	
		(b) (6)		
SITE#	(808)	ADDRESS:		,
	•	Westweso, La	•	· · · · · · · · · · · · · · · · · · ·
		·		: * *

THE SAMPLE ANALYSIS RESULTS FOR THE ABOVE REFERENCED SITE WERE RECEIVED AND WERE EVALUATED BY THE USEPA START TEAM ON No ANALYSIS AL + 4.14.18

BASED ON AN EVALUATION OF THE ANALYTICAL DATA, WE RECOMMEND THE FOLLOWING ACTION:

GRID # · 1 2 3 4 5 6 7 8

A. PROCEED WITH RESTORATION:  $\sqrt{\phantom{a}}$ B. FURTHER ACTION NECESSARY:



6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250

**EMSL** 

Attn.: Chris Sansome

EMSL Analytical, Inc.

**Ecology & Environment** 

11550 New Castle Avenue .

Suite 250

Baton Rouge, LA 70816

Phone (317) 570-5892 Fax (317) 570-5894

Thursday, April 16, 1998

Ref Number: IN981115



Performed by EPA 600/R-93/116 Method*

Project: 020601 WESTBANK ASBESTOS REMOVAL

			SAMPLE		STOS	%	NONASBI FIBROUS		NONFIBROUS
SAMPLE	LOCATION	APPEARANCE	TREATMENT	%	TYPE		PIBRUUS		
WBS1952G01	b) (b)	Brown	Crushed	2% Ch	-	•			Quartz
		Non-Fibrous		1% Cro	cidolite			20%	Other
		Homogeneous	:	;		i			
<u> </u>		:	:			!			
WB\$1952G02		Brown !	Crushed	2% Ch	rysotile			77%	Quartz
		Non-Fibrous	_	1% Cro	ocidoilte			20%	Other
		Homogeneous ,							
1				!					
WB\$1585G01		Brown	Crushed	1% Ch	rysotile			78%	Quertz
VVB31000001		Non-Fibrous	Grasnea		ocidolite	•			Other
		Homogeneous ,				•			
		, , , , , , , , , , , , , , , , , , ,				!			
			المستام	< 1% Ch	nicatila	!		80%	Quartz
WB\$1686G02		Brown	Crushed	< 1% Cro		ï			Other
		Non-Fibrous	· ·	1 1/8 OIL	70100111C	ì			
		Homogeneous	· :	:		i			
· · · · · · · · · · · · · · · · · · ·								900/	Quartz
WB\$1808G01		Brown	Crushed	< 1% Ch	-	•			Other
		Non-Fibrous		: < 1% Cro	ocidolite			2070	Other
		Homogéneous		:		:			
						*			
WBS1808G02		Brown	Crushed	< 1% Cr	ocidolite				Quartz
	:	Non-Fibrous				:		20%	Other
		Homogéneous				:			
l i	•								

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

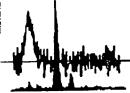
* NY samples also analyzed by ELAP 198-1 Method

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative F be guaranteed. Floor tiles end wipes should be tested with either SEM or TEM. The above test report relates only to the items t may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product a NYLAP nor any agency of the United States Government, All "NYLAP" reports with NYLAP logo must contain at least one sign. Laboratory is not responsible for the accuracy of results when requested to physically separate and energies applies.

Applysis territormed by EMSL of Independing (NYLAP Air and Bulk #200188-0).

09-1808-570

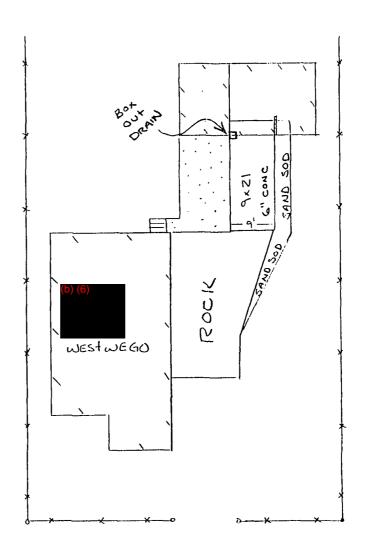
Approved Signatory





 By _PM __ Date _ 4-/S-98 _ Subject _ RESTORATION SITE # 1808 ______ Sheet No. ______ of ______

 Chkd. By ____ Date _______ Proj. No. _______



09-1808-590

# WESTBANK ASBESTOS ABATEMENT NEW ORLEANS LOUISIANA

SUB 2 SIGNATURE

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SITE# 1808

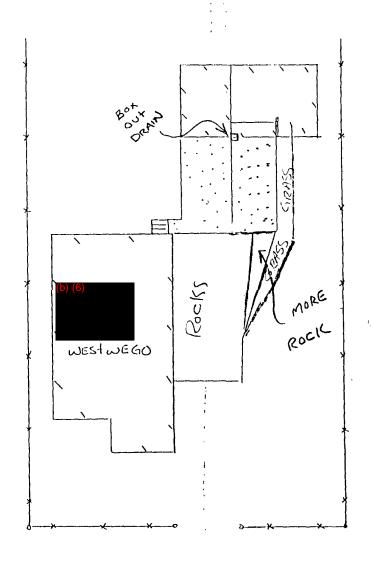
; r	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
•					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)				:	52 . <u>~</u>		
Sod Installation (sq.yds.)					_13. [∞]		
6" Concrete Installation (sq. yds.)					21.00		
4" Concrete Installation (sq. yds.)	÷					'	
Sand Installation (sq.yds.)					13.00		
Lower Lift Sand							
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)					12.00		
Sand (cu.yds.)					5. ⁸²		
Concrete (cu.yds.)				,	3. ⁵⁰		
Plastic Edging (ft.)				i			-
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							-
EXTRA .							
	Site Ske	tch on B	ack of F	Page			· ·
COMMENTS:					······································	·	
				,			
IT REPRESENTATIVE SIGNATU	RE				(	)9-1808-590	) –
SUB 1 SIGNATURE			+ 4 4	<del>****</del>			- 
OUD & CLONATURE			12	7 3			



# OMNI

By_ <i>PM</i>	Date_ <u>4-15-98</u>	_Subject	RESTORATION	site #	1808正	_Sheet No	of
Chkd. Bv_					, 	Proi. No	ļ.

ISSUED 4-16-98



# WESTBANK ASBESTOS ABATEMENT

SUB 2 SIGNATURE

R	FS	TO	RΛ	TI	MC	FO	DI	Λ
$\boldsymbol{\Gamma}$		IU.	πн		JIV	ru	RΠ	//

SITE# 1808 ==

	DATE	DATE	DATE	DATE	EST.	ACTUAL	ACT.
					QTY.	QTY.	COMP.
Rock Installation (sq.yds.)					<i>ن</i> . ه		
Sod Installation (sq.yds.)	:		<del></del>				
6" Concrete Installation (sq. yds.)				·			
4" Concrete Installation (sq. yds.)			<u> </u>			,	
Sand Installation (sq.yds.)							
Lower Lift Sand							
Rock, Brown (cu.yds.)							_
Rock, Gray (cu.yds.)					1,00		
Sand (cu.yds.)							
Concrete (cu.yds.)					·		
Plastic Edging (ft.)						-	
Walkway Rock Inst. (sq.yds.)				,		<u> </u>	
Topsoil (cu.yds.)							_
EXTRA							
	Site Ske	tch on B	ack of F	Page			
COMMENTS:							
				1			
			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
IT REPRESENTATIVE SIGNATU	RE .					09-1808-5	590 -
SUB 1 SIGNATURE	-		<del> </del>				
CUD A CICNATUDE			0127	$U5_{i}$			

### WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: <u>473/98</u> SITE #: <u>1808</u>		ADDRESS: Westwego	
ACM LOCATED BENEATH:	HOUSE SHED		
APPR. CRAWL SPACE HEIGHT:		<del></del>	
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB		
PERCENT OF AREA (ACM)			
SKETCH OR COMMENTS:			=-71
NO ACM			
TEAM MEMI	BERS: 15 8	EE 09-1808-540	

012706

•	1809
Tracking Number	1807

#### FIELD DATA SHEET 1

Address: (b) (6)  Phone No.:
(0) (0)
Owner Name, Address, and Phone No. if Different Than Occupant:
Same
Site Description:
I) Description of property (circle): single home; duplex; business; school; daycare; church; vacant house; vacant lot; other
Problems accessing yards (circle): locked gate; gate; dogs; other resolution:
3) Underground utilities installed by owner? (circle): no; water; gas; electric; cable TV; septic tank; other
4) Is any underground ACM present? (circle): yes; no; don't know  If yes, note on site sketch. How deep?
Site Sketch:  (b) (6)  (c) (6)  (b) (6)  (b) (6)  (c) (6)  (c) (6)  (c) (6)  (c) (6)  (d) (d)  (d) (d)  (d) (d)  (e) (d)  (m) the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the classical promotion of the
Estimated Volume of ACM:
Comments: ACM around five Plug scattered skin pieces. A hole dug next to fence has several pieces.
Date/Time of Interview: 1030 2/2/98 Access Granted (circle): (yes;) no
Team Members: Gb / AR 09-1809-510

Tracking	#:_	1900	<u>}</u>
U	_		

# CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

(b) (	<b>(6)</b>
Property Owner's Name:	
Property Address:	Westweap
State/Zip: LA 70094	Phone Number(s) (6)
	affice.
	7)"(

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

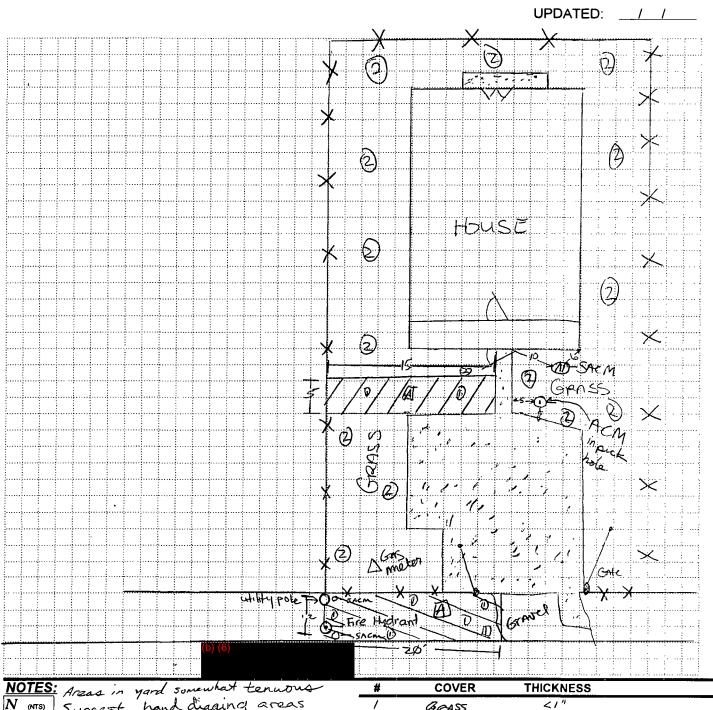
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backlines, or tracklines and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

May 7,1998
DATE

SIGNATURE



GRASS no ACM

RESTORATION: A: GRASS B:

ARRIVAL: 1295

DEPARTURE: 15/5

**RESTORATION** 

APPROVED BY: OSCIACE JM DATE: 518 1900WNER DATE: 5,7,99

DATE: 5 17 198

09-1809-530

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:		
SITE#_18091	ADDRESS	
		esturgo, LA
-		0 ,
	FOR THE ABOVE REFERENCE PA START TEAM ON A~~~~	
	THE ANALYTICAL DATA, WE RE	COMMEND THE FOLLOWING
ACTION: GRID#	1 2 1 4	5 6 7 8
A. PROCEED WITH RESTORATION	DN:	
B: FURTHER ACTION NECESSAR	Y:	
GEOLINED: 5-21-98	· :	
Grid Sample ID depth Bockfill O WBS 1808GO 12" sod soil		N 5.21-98
WBS1809G102-15 acrus		1 Min NTS
3) WBS 1809603 12" sodlooilse	rvifule	
	*	
	ACN	
	70-12' DE	Pires
	LIMPER GROWNS	7//:
		· n · · ·
		conciete
	LD 07/2	2 / 11 × 1 ×
	// /&	1 (3) / H'
	(b) (6)	
	MILT	09-1809-560
AUTHORIZED EPA/START REPR	ESENTATIVE MAN	

012710

## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894 EMSL

Attn.: Maggie Lin

**Ecology & Environment** 

11550 New Castle Avenue

Suite 250

Baton Rouge, LA 70816

Tuesday, May 26, 1998

Ref Number: IN981632

#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020801RAG1 WESTBANK ASBESTOS REMOVAL

À		SAMPLE	<u>ASBESTOS</u>	NONASE	
SAMPLE LUCATIO	N APPEARANCE	TREATMENT	% TYPE	% FIBROUS	% NONFIBROU
VB\$1971G04 (b) (6)	Brown	Crushed	None Detected		80% Quartz
	Non-Fibrous		· i		20% Other
	Homogeneous				
	1		<u> </u>		
NB\$1971G05	Brown	Crushed	None Detected		80% Quartz
	Non-Fibrous	Ç, daned			20% Other
	Homogeneous				1
	Tromoganeous				
WBS1971G08	1-		None Detected		80% Quartz
VBS19/1G08	Brown	Crushed	None Detected		20% Other
	Non-Fibrous		,		2010 (00)41
	Homogeneous		<u>.</u>		
	-1				784
WBS1809G01	Brown	Crushed	2% Chrysotile		76% Quartz
•	Non-Fibrous		2% Crocidolite		20% Other
	Homogeneous				
	. L	L			
NBS1809G02	Brown	Crushed	1% Chrysotile		77% Quartz
!	Non-Fibrous		2% Crocidolite		20% Other
E amplian	Homogeneous	•			
		<u></u>	l		!
WBS1809G03	Brown	Crushed	1% Chrysotile		78% Quartz
	Non-Fibrous		1% Crocidolite	1	20% Other
	Homogeneous			· ·	

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Layers" refer to number of separable subsamples.

NY samples also ana de d by ELAP 198-1 Method

Marguet Fallips

Approved Signatory

Disclatmers: PLM has been known to miss asbastos in a small percentage of samples which contain asbastos. Thus negatibe guaranteed. Floor tiles and vilpes should be tested with either SEM or TEM. The above test report relates only to the ite may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to cleam produ NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one t Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. Analysis performed by EMBL of Indianapore (1991 Ar A) and dop-1250-130. 09-1809-570



By PM Date 5-22-98 Subject Restoration Site # 1809 Sheet No ____of___

Chkd By_____Proj No ____

WESTWEGO SAND SAND SAND 500,

09-1809-590

## WESTBANK ASBESTOS ABATEMENT NEW ORLEANS, LOUISIANA

SUB 1 SIGNATURE

R	FS	TO	$R\Delta$	TIO	N	FO	RΙ	M
f 🔪	L. J	, U	$^{\prime\prime}$	$\cdot \cdot \cdot \cdot \cup$	/ Y	I 'U	/\/	ri.

SITE # 1809

•	DATE	DATE	DATE	DATE	EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					Q(11.	<u> </u>	
Ī				•	- a 50		
Sod Installation (sq.yds.)				• 1	50, ⁵⁰		
6" Concrete Installation (aq. yds.)				• :			
4" Concrete Installation (sq. yds.)					ı		
Sand Installation (sq.yds.)					50.50		
Lower Lift Sand				.			
Rock, Brown (cu.yds.)							
Rock, Gray (cu.yds.)							
Sand (cu.yds.)					18.≌		
Concrete (cu.yds.)							
Plastic Edging (ft.)							
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)							-
EXTRA							
	Site Sket	ch on Ba	ack of Pa	age .			
COMMENTS:							
IT REPRESENTATIVE SIGNATUR	RE .				09	-1809-590	

#### Resident Contact Log Owner

Residence Number: 1809	Owner	
Property Address: (b) (6)	Westwigo	•
Owner Name: (b) (6)	00031W190	
(1) (0)		
Current Location/Phone/Fax:		

M/P/W	Date	Time	Init	R/I	Comments	Status
4-17-98	PM	_	- ;	Ţ	Seft access @ Home Called, NO anower, No msy left	
5/4/98	P	1121	CVM			
5/6/98	P	(63¢	CVM		called no answer	:
5/7/90	P	103/	CVM	I	(b) (6) called back re: occass.	
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				<del></del>		

M=Meeting; P=Phone Call; W=Fax or Written

Init=Your Initials

R=Received; I=Initlated Communication

Comments: Briefly discuss purpose/reference other forms or documents that may have been completed.

Status: Note any milestones (received access, keys, etc.) or follow-up actions to take place.

09-1809-600

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9/23/98 SITE#: 1809		ADDRESS:	b) (6) W. 24/12-30	
ACM LOCATED BENEATH:	HOUSE SHED			
APPR. CRAWL SPACE HEIGHT:		****		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB			
PERCENT OF AREA (ACM)		***		
SKETCH OR COMMENTS:		<del></del>		
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NOACMI				
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			09-1809-54	10

TEAM MEMBERS:

Tracking Number	1816
Tracking Lightner	

#### FIELD DATA SHEET 1

Site Information:

Occupant:	Interviewee:
Address:	Marvero
Phone No.:	(b) (6)
Owner Name Address and Phone No. if Different The	Decupant:
Site Description:	
Description of property (circle): single home; covacant house; vacant lot; other	luplex; business; school; daycare; church;
Problems accessing yards (circle): locked gate; resolution:	gate; dogs; other
3) Underground utilities installed by owner? (circle): septio tank; other Note location on site sketch.	no; water; gas; electrio; cable TV;
4) Is any underground ACM present? (circle): yes; If yes, note on site sketch. How deep?	no; don't know
Site Sketch:	
	Shed
House	FACM
(5) (6)	
Estimated Volume of ACM:	
Comments: SACM Driven	~γ
Date/Time of Interview:	Access Granted (circle): yesy no
Team Members:	6 07-1810-510

Tracking	#:	1810	
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## CONSENT FOR ACCESS TO PROPERTY WESTBANK ASBESTOS SITE

Property Owner's Name: (b) (6)	
Property Address:	Marrero
State/Zip: Marrero	_Phone Number(s)_(b) (6)
,	<u> </u>

I hereby consent to officers, employees, and parties authorized by the United States Environmental Protection Agency (EPA) entering and having continued access to my property for the following purposes:

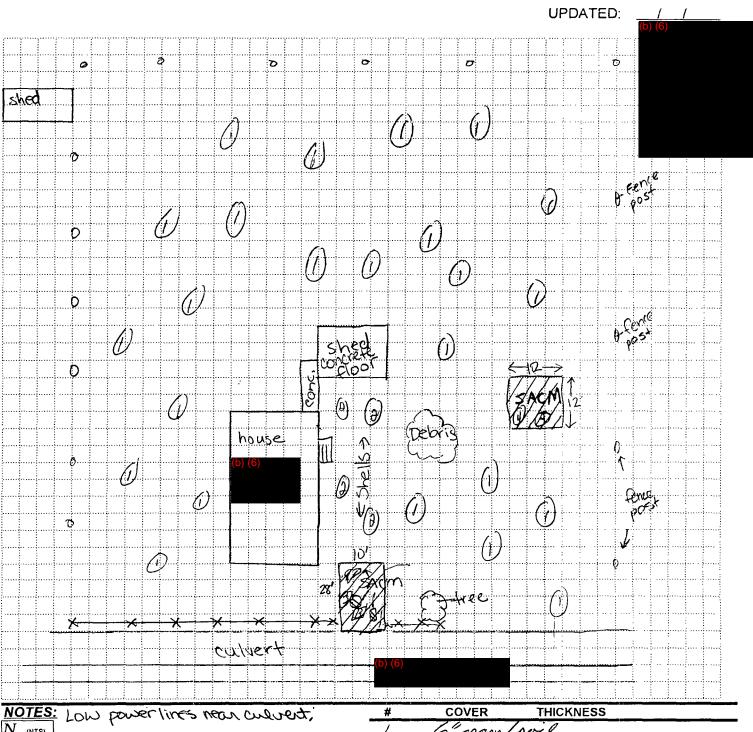
- 1. The taking of such soil, water, and air samples as may be determined to be necessary;
- 2. Other actions related to the investigation of surface or subsurface contamination.
- 3. The performance of a response action including, but not limited to, the following actions:
  - a. Use of mechanical equipment (e.g. small bulldozers, backhoes, or trackhoes and trucks) on the property;
  - b. Removal of asbestos-contaminated material from the property;
  - c. Replacement of removed asbestos-containing material with a like-material (i.e., clean fill, crushed limestone) and regrading of the replaced material to the property's original grade;
  - d. The replacement with locally-available vegetation of any sod, bushes, or trees whose removal was a necessary part of the removal action, and;
  - e. The taking of other actions necessary to migrate releases or threats or releases of hazardous substances, pollutants or contaminants from the property.

I realize that these actions are undertaken pursuant to EPA's response responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA), 42 U.S.C. § 9601 et seq. Under those authorities, EPA can only remediate hazardous substances located on such a property.

This written permission is given by me voluntarily with knowledge of my right to refuse and without threats or promises of any kind. By signing this access agreement I am not waiving any rights in law or in equity I may have against any person or party in connection with the response action EPA will perform.

3-11-98 DATE





RESTORATION: A: soil/sed

B: Linestone

C:

ARRIVAL: 1545

DEPARTURE: 1640

ncw 3/15/99 RESTORATION APPROVED BY:

07-1810-530

TEAM: MU/DA

UPAJE 13 1/71 98 Fo IT 3/20/98 GPA

#### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI:			:	
SITE#_1810		ADDRESS:	(b) (6)	
•		-	Marrero	
THE SAMPLE ANALYSIS RESULT WERE EVALUATED BY THE USE			CED SITE WERE	RECEIVED AND
BASED ON AN EVALUATION OF ACTION:	THE ANALYTICA	AL DATA, WE	RECOMMEND T	HE FOLLOWING
GRID#:	1 2	3 4	6	7 8
A. PROCEED WITH RESTORATION	N:	<u> </u>		<del>\</del>
B: FURTHER ACTION NECESSAR	Y:			
GEOLINED: 5/7/98	Ē.,			N.Z. 1980 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	6' L	(4) culver	<u> </u>	
		: :		07-1810-560
ATTITION (ZED ED A /CT A DT DEDDÉ	OTENIT A TUSTE	( bul	Land	0/-1010-200

### WESTBANK ACM REMOVAL PROJECT SAMPLE ANALYSIS CONFIRMATION USEPA START TEAM

FYI: SITE# <u>1810</u>	,		ADI	DRESS:_(b)	(6)		
	•				larrers		
THE SAMPLE ANA	LVSIS RESILTS	FOR THE ARC	VE REI	FRENCED	SITE WER	PRECRIVEI	ח אאר
WERE EVALUATE	D BY THE USEPA	START TEAL	$\sqrt{N}$	O AMPLAT	165 65 6	5.11.98	
BASED ON AN EVA	ALUATION OF TH	IE ANALYTIC		-17-98' 'A. WE RE(	COMMEND	THE FOLLO	)WING
ACTION:	1 }	1	2			7 0	.1
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<u>പ്രത്യമ</u>				Post			
		6'	147.7	culvert			
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## EMSL Analytical, Inc.

6330 East 75th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Michael DuCaye **Ecology & Environment** 11550 New Castle Avenue

EMSL Monday, May 11, 1998

Ref Number: IN981425



NIOSH 7400 METHOD, REVISION #4, 8/94

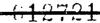
Project: F6209 - W.A.R.P. Volume LO.D. flberg/ Sample Location Sample Date (liters) Fleids fib/cc Htm! fibers/cc 810P514 5/6/96 808.00 100 0.0033 2.0 2.55 <LOD

ne Wa

Approved Signatory

ntifiable and therefore are non-reliable. The laboratory is only responsible for fibers counted in fibers/mm² an nt on volume collected by non-laboratory personnel. Id by EMSL of Indianapolic (NVLAP Air and Bulk #200188-0).

07-1810-572



## EMSL Analytical, Inc.

6330 East 78th Street, Suite 152 Indianapolis, Indiana 46250 Phone (317) 570-5892 Fax (317) 570-5894

Attn.: Alma Rillera

Ecology & Environment

11550 New Castle Avenue
Suite 250

Baton Rouge, LA 70816

Monday, May 11, 1998

Ref Number: IN981417



#### POLARIZED LIGHT MICROSCOPY (PLM)

Performed by EPA 600/R-93/116 Method*

Project: 020801RAG1

SAMPLE	LOCATION	APPEARANCE	Sample Treatment	ABBESTOS % Type	*	NONASBESTO FIBROUS 9	
W881893G01	(b) (6)	Brown Non-Pibrous Hornageneous	Crushed	None Detected			0% Quarts 0% Other
WB81810Q01		Brown Non-Fibrous Hemogeneous	Crushed	None Detected		•	0% Quartz 0% Other
WB61810G02		Brown Non-Fibraus Homogeneous	Crushed	2% Chrysotile			8% Quartz 9% Other
WB\$1810Q03		Brown Non-Pibrous Homogeneous	Gruehed	1% Chrysotile 1% Crocidelite			8% Quartz 10% Other
WB81810004		Brown Non-Fibrous Homogeneous	Crushed	< 1% Creakfolite			16% Quertz 16% Other
WB81797G0		Brown Non-Pibrous Homogensous	Crushed	1% Chrysotile 2% Grocidolite			77% Quartz 10% Other

Comments: For all obviously heter to neous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.

Also, "# of Littlers" refers to number a separable subsamples.

NY samplestates analyzed by EL 2 198-1 Method

Margaret Phillips
Analyst

Displainment LM has been known to miss selected in a arrell personning of samples which centain extrestor. Thus regard be guaranteed, if foot tipe and wipes should be tested with either SEM or TEM. The above test report relates only to the file may only be reproduced in full with written approval by EMSL. The above test must not be used by the olient to derim produced to any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one interestry to not respectable for the exercisely of results when requirement to physically separate and enables layered sample Analysis performed by EMSL of indenspoils (NVLAP Air and Bulk 8300189-0).

07-1810-570

Approved.

Signatory

11 2722

#### **PLM Analysis Worksheet**

Client: Ecology & Environment

Logged: 5/8/98

TAT: 1 Day

Address: 11550 New Castle Avenue **Suite 250** 

Date/Time Due: 8/11/98

9:00 AM

Special Handiling

**Billing Number** 

Baton Rouge, LA 70816 Fax: (504) 383 - 4732

IN981417

Project: 020601RAG1

	As	pearence		Treatment	Asbestos Rosulte	Fibrous	Non-Fibrous	•	Opti	cal
Brown Grey Ten White Ref	6, Variosa 7, Black 8, Silver 9, Blue 0, Oranga	1. Fibrous 2. Nos-Fibrous 3. Other	3. Other	2. Crushed 3. Dissolved 4. Ashed	Chrysciila     Amostu     Amostu     Arthophyllis     Arthophyllis     Arthophyllis     Arthophyllis     Crosidolis     Crosidolis     None Descrid	i: Cuttoloss 2. Citans 3. Min. Wool 4. Synthetic 5. Other 6. Wolfuntonite 7. Halt	1. Quartz 2. Mica 3. Oppauro 4. Cal. Carbonese 9. Matris 6. Partin 7. Other	·	Prope	rties
		Location	Appearance	Treatment	% ASBESTOS	Fibrous Type %	Non-Fibrous Type %	# Layers	1 Vm - 1 km 1 No - 1 No 1 No 1 No	I. Parellel 3. Stepanste 3. Chieses
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07-1810-570



Date 5-8-98 Subject RESTORATION SITE # 1810 Sheet No.____of_ By DM Proj. No. Chkd. By___ _Date_ GARAGE SAND 200 MARRERO ROCK

07-1810-590

# WESTBANK ASBESTOS ABATEMENT. NEW ORLEANS LOUISIANA

REST	ORA	TION	<b>FORM</b>
------	-----	------	-------------

1		
SITE#	1810	

•	DATE	DATE	DATE	DATE	·		
					EST. QTY.	ACTUAL QTY.	ACT.
Rock Installation (sq.yds.)					. 117.50		
·					;		
Sod Installation (sq.yds.)				j	38. <b>°</b>	•	
6" Concrete Installation (sq. yds.)					·	-	-
4" Concrete Installation (sq. yds.)	:				:	,	
Sand Installation (sq.yds.)	,				38.≃		
Lower Lift Sand	ı						
Rock, Brown (cu.yds.)	!						
Rock, Gray (cu.yds.)					56.50		
Sand (cu.yds.)	;	···			12.89		
Concrete (cu.yds.)	,						
Plastic Edging (ft.)	``				!		
Walkway Rock Inst. (sq.yds.)							
Topsoil (cu.yds.)	-			:			
EXTRA							
	Site Ske	tch on B	ack of F	Page	!		·
COMMENTS:							
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:	. ! 			:			
IT REPRESENTATIVE SIGNATU	RE :			; ;	<b>07</b> -1	1810-590	
SUB 1 SIGNATURE	!.			·			The second
SUB 2 SIGNATURE	· · · · · · · · · · · · · · · · · · ·			1			一度學生

## WESTBANK ASBESTOS REMOVAL PROJECT NEW ORLEANS, LA

DATE: 9-24-98 SITE#: 1810		ADDRESS:
ACM LOCATED BENEATH:	HOUSE	
APPR. CRAWL SPACE HEIGHT:		
DESCRIPTION OF ACM:	CHUNKS POWDER SLAB	
PERCENT OF AREA (ACM)	0%	<u></u>
SKETCH OR COMMENTS:		
۰,۸		SHED ON SLAB
ND Jach		BOUE GROUND HOUSE
70		
	-	07-1810-540

TEAM MEMBERS: J-Y. + A.T.